

Course Descriptions

Manual

*Proficiency Document
for
Educators Utilizing
the Washington State PASS Program*



Secondary Education for Migrant Youth (SEMY)
Sunnyside School District
810-A East Custer Avenue, Sunnyside, WA 98944
Help Desk: (509) 836-7500
Fax: (509) 836-8409
E-mail: pass@semy.org
Website: <http://www.semy.org>

PASS Course Sales Office
Sunnyside School District
810-C East Custer Avenue, Sunnyside, WA 98944
Phone: (509) 836-8405
Help Desk: 1-888-837-2169
Fax: (509) 836-8410
E-mail: sandi.johnston@sunnyside.wednet.edu
Website: <http://www.semy/pcs.org>

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Introduction

The Washington State PASS Program is administered by the Office of Secondary Education for Migrant Youth (SEMY), which is funded by the Migrant and Bilingual Education Division of the Office of the State Superintendent of Public Instruction. The curriculum is distributed to schools and agencies for use by: a) Washington qualified migrant students through SEMY, and b) all other students through the PASS Course Sales Office of Sunnyside School District.

Purpose of Manual	Scope and sequence descriptions, language availability, and reading level of PASS courses are provided to inform placement decisions. Also provides essential information for the PASS Contact Person that is unique to that specific course. NOTE: Unless otherwise stated, each unit includes an online test completed in a single session.
Other Resources	<ul style="list-style-type: none">• Success Handbook for the PASS Contact Person (CP) outlines approved procedures and policies for enrolling, mentoring and testing the student in PASS.• PASS Program Design Guide takes the local administrator through four simple steps to establish and maintain an effective local PASS curriculum delivery model.
Accreditation	Accredited through the Sunnyside School District by the Northwest Accreditation Commission, Boise, ID. Many of the courses are approved NCAA Core Courses (see table on back cover).
Credit Earned	Unit (5/course) = 18 seat hours = .1 Carnegie credit Course = 90 seat hours = .5 Carnegie credit Transcripted credit issued by Sunnyside High School, Washington State <i>NOTE:</i> Access of 7 th and 8 th grade students to PASS courses is presently only available when the enrolling school collaborates with the local high school to accept the PASS credit for that course.
Program Advantages	<ul style="list-style-type: none">• Flexible. Enroll student in just the units needed to complete a requirement. Choose units from two or more courses to most closely match needed content.• Rigorous. Alignment with educational standards in Washington and/or other states.• Accelerates credit accrual. Complete a PASS course outside the regular school day, in addition to a full class load, in as few as 35 days.• Enroll anytime. Begin a course whenever needed year-round.• Local mentor support. PASS CP need not be a certificated teacher. A structured learning environment and availability of targeted tutoring are recommended.• Portable. Student enrolled in PASS in one district can move and continue work on the course in the next district. Not dependent on computer/Internet access.• On-Line resources. On-line enrollment gets you the course fast. On-line tests get the student prompt feedback. On-line grade reports make it easy to inform families. Online student status reports and automated e-mails support effective PASS Contact Person mentoring support. On-line goal report supports administrators in efficiently overseeing the local curriculum delivery model.• Personalized support. HELP Desk support as close as your phone. Friendly, prompt, caring.
Acronyms	CADR -- College Academic Distribution Requirements established by HEC Board EALRs -- Washington (WA) Essential Academic Learning Requirements GLEs -- Washington Grade Level (Academic) Expectations HEC Board -- Washington's Higher Education Coordinating Board NCAA -- National Collegiate Athletic Association, Indianapolis, Indiana PEs -- Mathematics Performance Expectations by grade or subject

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The Course Descriptions Manual is a work in progress. Neither the Office of Secondary Education for Migrant Youth nor Sunnyside School District assumes any responsibility for errors or omissions. Neither is any liability assumed for damages resulting from the use of the information contained herein. Constructive suggestions for improving the Manual are invited. Please call (509) 836-7500.

Art IA Color and Design

Released 2003/04SY

Coming soon: Visual Design A and B

- Summary:** Study of the elements and principles of design, encouraging awareness in creating art products, experiencing the visual qualities of nature, and exploring art careers.
▶ Reading level: 8th grade
▶ HS graduation Restricted Elective (Visual Arts) credit, and university admission Arts CADR
- Mentor Use:** (by request) Mentor Manual, offered online
PASSport to Success brochure
- Student Use:** All units – Exploring Visual Design text, and Color and Design packet
Unit 1 – Elements of Design: Line, Color and Value student workbook
Unit 2 – Elements of Design: Shape & Form, Space & Texture student workbook
Unit 3 – Principles of Design: Balance & Unity student workbook
Unit 4 – Principles of Design: Contrast & Unity student workbook
Unit 5 – Principles of Design: Pattern, Movement & Rhythm student workbook
- Mentor Notes:** Each unit test requires student to create artwork in test proctor’s presence.
Print assignment directions before opening test.
Passing the Art Classroom Based Assessment offered at your high school is a requirement for graduation in Washington. Please help your student prepare for this.

Unit 1 Elements of Design: Line, Color and Value

- Elements of design
- Line; contour drawing; gesture drawing
- Texture and pattern
- Color; color wheel
- Monochromatic painting; value scale
- Value; creating value; value study in still life

Unit 2 Elements of Design: Shape and Form, Space and Texture

- Shape and form; drawing silhouettes
- Positive and negative shape
- Geometric form; space
- One-point perspective; cubist style; surrealist collage
- Texture; texture studies; watercolor textures
- Cubist watercolor painting

Unit 3 Principles of Design: Balance and Unity

- Aesthetic views. Balance; illustrating balance
- Sketches for a mask; mask design. Unity.
- Symbolic shape collage
- Landscape sketches
- Impressionist style

Unit 4 Principles of Design: Contrast and Unity

- Contrast; types of contrast; color contrast; size contrast
- Emphasis; emphasis through movement
- Transformed object
- Still life grouping

Unit 5 Principles of Design: Pattern, Movement and Rhythm

- Pattern; line and pattern. Letter design.
- Plane tessellation, Escher-like tessellation
- Movement and rhythm, Progressive movement
- Recorded action; action drawing
- Self-Portrait practice; expressive self-portrait

Four Ps: Plan, Pathway, Portfolio and Project

Released 2003-04 SY

- Summary:** Through self-assessment, active investigation, and practical application, the student learns leadership skills. In the process, a learning portfolio is developed. The portfolio includes a plan for graduating from high school and entering into postsecondary education. Unit 5 supports a career investigation project involving research, interviews, job shadowing, a written paper and oral presentation.
- ▶ Reading level: 8th grade
 - ▶ Aligned with Communications, Reading and Writing EALRs and GLEs
 - ▶ HS Culminating Project Requirement offering HS graduation Elective credit. May be applied to English credits at discretion of local district.
- Mentor Use:** (by request) Mentor Manual, offered online
PASSport to Success brochure
- Student Use:** All units – Internet Resources Guide
Unit 1 – Your Plan student workbook, Career Pathways Guide, colored pencils
Unit 2 – Leadership Skills student workbook, colored pencils
Unit 3 – Post Secondary Plans student workbook; book Path to Scholarships; and booklet Funding Your Education
Unit 4 – Maximize Your Potential student workbook, book Path to Scholarships, and Style & Usage Guide
Unit 5 – Culminating Project student workbook
- Mentor Notes:** Unit 1 and 5 tests require entry of a local supplemental score. See Mentor Manual. Unit 3 and 4 tests require a written assignment completed as part of the workbooks. Student is permitted to keep the completed unit workbooks.
- Unit 1 Your Plan**
- Goals, dreams and values. Exploring a career. Career pathways.
 - Graduation requirements. Portfolio. Portfolio outline.
 - Resume; getting a job
- Unit 2 Leadership Skills**
- Concept of leadership
 - Understanding and developing one’s potential. Choices and barriers.
 - Making choices, setting goals, solving problems
 - Planning and evaluating
 - Developing a healthy lifestyle
- Unit 3 Post Secondary Plans**
- Preparing for college
 - Researching colleges. Visiting colleges. Application process. Admissions tests.
 - Financial aid
- Unit 4 Path to Scholarships**
- Introduction to scholarships.
 - Community service (14 hrs required). Evaluating your service project.
 - Preparing to win scholarships. Scholarship essay.
 - Finding and applying for scholarships.
- Unit 5 Culminating Project**
- Researching a career of interest
 - Information interview of someone in the career
 - Paper: Draft and final version
 - Project: job shadowing in the career
 - Prepare for and give your presentation

Preparing for College

Released 2008/09SY

- Summary:** Helpful orientation for student who will be the first person in the immediate family to attend college. Fills in gaps in school post-secondary education orientations resulting from moves between states or schools. For expanded coverage, see Four P's course. Evidence of discoveries from supported and independent investigations will provide a rich resource for the student's academic portfolio.
- ▶ Reading level: 7th grade, with glossary support throughout
 - ▶ HS graduation Electives credit (.1 Carnegie credit), or may be applied toward English requirement at discretion of local district
- Mentor Use:** (by request) Mentor Manual, offered online
PASSport to Success brochure
- Student Use:** Unit 1 – Preparing for College student workbook
- Mentor Notes:** Unit 1 test includes a written assignment. Print directions before opening test. Student is permitted to keep the completed unit workbook.

Unit 1 Preparing for College

- Setting goals for college success
- High school students look to the future
- How will I pay for college?
- Test taking strategies
- What is the best way for YOU to study?
- Selecting a college
- Starting the college essay
- Finishing the college essay
- Filling out college applications
- The college interview
- You and your parents
- Internet activities
- College—a different culture

Study Skills

Released 2009/10SY

- Summary:** Students discover their optimum learning style. Information and activities to improve reading, writing, speaking, listening, problem solving and test taking skills.
 ► Reading level: 7th grade
 ► HS graduation Electives credit
- Mentor Use:** (by request) Mentor Manual, offered online
 PASSport to Success brochure
- Student Use:** Unit 1 – Learning Styles student workbook
 Unit 2 – Fundamentals student workbook
 Unit 3 – Methods of Study student workbook
 Unit 4 – Words, Words, Words student workbook
 Unit 5 – Test Strategies and Research Techniques student workbook
- Mentor Notes:** Unit 5 test requires submission of a research paper and related materials completed through workbook assignments. Print assignment directions before opening test.

Unit 1 Learning Styles

- Physical Learning Style
- Intrinsic Learning Style
- Emotional Learning Style
- Discover individual learning style

Unit 2 Fundamentals

- Critical thinking
- Speaking and listening skills
- Spelling rules
- Analyzing text; mechanics
- Letter writing

Unit 3 Methods of Study

- Outlining and notetaking
- Diagnosing fiction
- Sequencing: cause and effect
- Visual aids; parts of a book
- The Internet

Unit 4 Words, Words, Words

- Anonyms, synonyms, homonyms, context clues
- The versatile English language
- Emotional language
- Problem solving
- The main idea: summarizing

Unit 5 Test Strategies and Research Techniques

- What do they want? Following directions
- Objective test strategies
- Essays – Literary and personal
- The interview
- Prepare a research paper: process and procedures
- Research before writing
- Edit, revise and proof before submitting

NOTE: Written Assignment Scoring Standard

Written assignments are required as part of unit tests in PASS courses designed to satisfy English high school graduation requirements. The assignments are scored by trained certificated teachers using the 6 point **COS/C** standard and rubric developed through the Superintendent of Public Instruction’s office in Washington State.

Essays earning the maximum of 4 points for Content, Organization and Style (COS) will:

- Maintain consistent focus on the topic and have ample supporting details
- Have a logical organizational pattern and convey a sense of wholeness and completeness
- Provide transitions which clearly serve to connect ideas
- Use language effectively by exhibiting word choices that are engaging and appropriate for intended audience and purpose
- Include sentences, or phrases where appropriate, of varied length and structure
- Allow the reader to sense the person behind the word (student voice)
- Demonstrate a thorough understanding of the prompt

Essays earning the maximum of 2 points for Conventions (C) will:

- Consistently follow the rules of standard English for usage
- Consistently follow the rules of standard English for spelling of commonly used words
- Consistently follow the rules of standard English for capitalization and punctuation
- Consistently exhibit the use of complete sentences except where purposeful phrases or clauses are used for effect
- Indicate paragraphs consistently

PASS Contact Persons are encouraged to support students in achieving the maximum of 6 COS/C points by coaching students on the above and critiquing practice writing exercises.

Effective 23 Aug 2009, **Process Points** are offered to reinforce the student’s success in meeting assignment expectations and recognize demonstrated knowledge of writing processes taught in unit workbooks. With the following exceptions, 3 Process points are offered in addition to the COS/C points. Assignments are weighted as **40% of the unit grade**. The remaining 60% is the online unit test score.

Exceptions			
Course & Unit	COS/C Pts	Process Pts	% of Grade
Creative Writing Unit 2	Unique rubric	n/a	40%
English IVA Unit 5	6	6	100%
Lrng English Thru Lit Unit 2	6	6	10%
Lrng English Thru Lit Unit 5	6	6	10%
Study Skills	6	9	40%

Scoring consistency across scorers of written assignments submitted with unit tests is supported through an annual scoring workshop, identifying anchor papers as representative of specific scores, and scoring validation. In the validation process, a paper selected at random is scored independently by two scorers and the scores compared. When a scoring divergence is noted between the two scores, the scorers jointly score the paper again and provide a final reconsidered score.

Creative Writing

Released 2003/04SY

- Summary:** Read, analyze, and write short stories and poetry. Study plot development and characterization in novels and dramatic plays. In the final two units, nonfiction is the focus, with analysis of writing for different purposes to varied audiences.
- ▶ Reading level: 7th grade
 - ▶ HS graduation English credit, and university admission English CADR
 - ▶ Aligned with EALRs
 - ▶ NCAA Core Course
- Mentor Use:** (by request) Mentor Manual, offered online
PASSport to Success brochure
- Student Use:** Unit 1 – Short Stories student workbook
Unit 2 – Novel and Drama student workbook
Unit 3 – Poetry student workbook
Unit 4 – Nonfiction: Part I student workbook
Unit 5 – Nonfiction: Part II student workbook
- Mentor Notes:** Each unit test requires student to create artwork in test proctor’s presence.
Print assignment directions before opening test.
- Unit 1 Fiction: Short Stories**
- Origins of language. Importance of premise, story triangle, irony and suspense.
 - Character types. Point of view. Scene keys. Characterization and dialogue.
 - Writing your story: revise, edit, rewrite
- Unit 2 Fiction: The Novel and Drama**
- Brainstorming and clustering techniques. Plan a story.
 - Write a descriptive passage. Flashback and foreshadowing.
 - Character development; characterization techniques. Style techniques.
 - Staging and special format rules for playwriting. Writing a scene.
- Unit 3 Poetry**
- Voice and tone. Imagery and symbolism, figurative language
 - Rhyme and rhyme schemes. Rhythm devices.
 - Repetition, refrain, alliteration and onomatopoeia
 - Types of poetry, including blank verse and Haiku, free verse
 - The sonnet, elegy and requiem, narrative poetry and ballads
- Unit 4 Nonfiction: Part I**
- Persuasive, expressive, and literary writing
 - Informative and scientific writing. Exploratory and descriptive writing.
 - Observation and experience. Write an autobiographical essay.
- Unit 5 Nonfiction: Part II**
- Creative reporting and report analysis
 - Cause and effect analysis, argument analysis, opinion and claims
 - Critical review and crusading evaluations, position papers
 - Credibility, preliminary research and refining the subject
 - Thesis statements and presenting findings
 - Research, sources, first draft, revision and editing

English IA

Released 2006/07SY

- Summary:** Review and evaluate different genres of writing while gaining and incorporating skills in such areas as vocabulary development, reading comprehension, literary response, speaking/listening, writing processes, and grammar.
- ▶ Reading level: 7th grade
 - ▶ HS graduation English credit, and university admission English CADR
 - ▶ Aligned with 2004 Reading EALRs and GLEs, and 2005 Communication & Writing EALRs and GLEs
 - ▶ NCAA Core Course
- Mentor Use:** (by request) Mentor Manual, offered online
PASSport to Success brochure
- Student Use:** Unit 1 – Myths, Tales, and Legends student workbook
Unit 2 – The Diary of Anne Frank student workbook, and book The Diary of Anne Frank (play by Goodrich & Haskett, adapted by Kesselman 2000)
Unit 3 – The Old Man and the Sea student workbook, and book The Old Man and the Sea (Hemingway)
Unit 4 – Poetry student workbook
Unit 5 – Nonfiction student workbook
- Mentor Notes:** Unit 3 and 5 tests require written assignments. Print directions before opening test.
- Unit 1 Myths, Tales, and Legends**
- Unique and common elements of myths, tales, and legends from many cultures
 - Analyze characters and identify character traits
 - Write a myth and a literary essay, and complete journal entries
- Unit 2 The Diary of Anne Frank**
- Discuss the historical background of the Holocaust and facts about Anne Frank
 - Read the play “The Diary of Anne Frank”. Analyze characters and their speeches
 - Write a literary essay following the guidelines of the drama
- Unit 3 The Old Man and the Sea**
- Report on facts regarding the author, Ernest Hemingway, boats and fishing
 - Read the book “The Old Man and the Sea”
 - Analyze characters and identify character traits
 - Create a “found” poem; write a one-minute television news story
- Unit 4 Poetry**
- Learn facts about, and study representative works of these well-known poets: Alfred, Lord Tennyson; Emily Dickinson; D.H. Lawrence; Phyllis Wheatley Peters; Paul Laurence Dunbar; Langston Hughes; Edwin Arlington Robinson; Lewis Carroll; Henry Wadsworth Longfellow; Robert Frost; Jane Roodenberg
 - Identify rhyme schemes, voice, and figures of speech, such as simile, metaphor and personification
 - Compose poems in a number of styles
- Unit 5 Nonfiction**
- Identify various types of nonfiction
 - Read and analyze these essays: “Mary White” by William Allen White, “I Have a Dream” by Dr. Martin Luther King, Jr., “What I Am” by Richard Sk Lee, “Ain’t I a Woman?” by Sojourner Truth, and “The Scotty Who Knew Too Much” by James Thurber.
 - Analyze personal beliefs concerning the essay topics
 - Write literary essays following guidelines; journaling in response to prompts; complete creative writing process

English IB

Released 2001/02SY

- Summary:** Review and evaluate different genres of writing while gaining and incorporating skills in such areas as vocabulary development, reading comprehension, literary response, speaking/listening, writing processes, and grammar.
- ▶ Reading level: 7th grade
 - ▶ HS graduation English credit, and university admission English CADR
 - ▶ Aligned with 2004 Reading EALRs and GLEs, and 2005 Communication & Writing EALRs and GLEs
 - ▶ NCAA Core
- Mentor Use:** (by request) Mentor Manual, offered online
PASSport to Success brochure
- Student Use:** Unit 1 – Short Stories student workbook
Unit 2 – A Raisin in the Sun student workbook, and book A Raisin in the Sun (play by Lorraine Hansberry)
Unit 3 – The House on Mango Street student workbook, and book The House on Mango Street (Sandra Cisneros)
Unit 4 – Poetry student workbook
Unit 5 – Nonfiction student workbook
- Mentor Notes:** Unit 3 and 5 tests require written assignments. Print directions before opening test.

Unit 1 Short Stories

- Literary devices important to short stories.
- Learn about noted writers Liam O’Flaherty; Hector Hugh Munro (Saki); Richard Connell; and Elaine Potter Richardson aka Jamaica Kincaid
- Compare and contrast selected stories to analyze plots and complete plot outlines
- Write a television news story, news release, friendly letter, and literary essay

Unit 2 A Raisin in the Sun

- Discuss the historical background of the Civil Rights movement and know facts about Lorraine Hansberry. Read her play “A Raisin in the Sun”.
- Analyze characters and their speeches to identify themes within the work
- Write a literary essay following the guidelines of the drama

Unit 3 The House on Mango Street

- Report on facts regarding the author, Sandra Cisneros
- Read the play “The House on Mango Street”
- Identify the setting and themes of the novel
- Analyze characters and identify character traits

Unit 4 Poetry

- Learn about 14 well known and lesser known poets, and study representative works
- Identify rhyme schemes & voice.
- Simile, metaphor and personification.
- Journaling; compose poems in a number of styles on different topics

Unit 5 Nonfiction

- Read and analyze essays or excerpts from essays by Elva Treviño Hart and Mark Twain, John Steinbeck, Martin Murphy, Nikki Giovanni, and Richard Sk Lee
- Read and analyze poetry by Langston Hughes and selections from Poor Richard’s Almanac by Benjamin Franklin
- Compare and contrast different viewpoints. Journaling. Write literary essays.

English IIA

Released 2001/02SY

- Summary:** Review and evaluate different genres of writing while gaining and incorporating skills in such areas as vocabulary development, reading comprehension, literary response, speaking/listening, writing processes, and grammar.
- ▶ Reading level: 8th grade
 - ▶ HS graduation English credit, and university admission English CADR
 - ▶ Aligned with EALRs
 - ▶ NCAA Core Course
- Mentor Use:** (by request) Mentor Manual, offered online
PASSport to Success brochure
- Student Use:** Unit 1 – The Short Story student workbook
Unit 2 – Miracle Worker student workbook, and book *The Miracle Worker* (Gibson)
Unit 3 – The Pearl student workbook, and book *The Pearl* (Steinbeck)
Unit 4 – Poetry student workbook
Unit 5 – The Newspaper student workbook
- Mentor Notes:** Unit 3 and 5 tests require written assignments. Print directions before opening test.
- Unit 1 Short Stories**
- Read short stories of famous writers and deep thinkers, such as Guy de Maupassant, Leo Tolstoy, Steven V. Benét, and Gabriel Garcia Márquez
 - Check for reading comprehension and literary response
 - Review story plot and historic background. Reflect and write.
 - Analyze story using different literary techniques
- Unit 2 The Miracle Worker**
- Reflect and write about the characteristics of a persistent person who has to overcome different challenges in life. Read the play “The Miracle Worker”.
 - Use journal and graphic organizers to analyze events and personalities
 - Compare and contrast two personalities, and two writing genera, using short essays and writing an autobiography
- Unit 3 The Pearl**
- Understand some of the consequences of the conquest of Mexico by the Spaniards as the background for the novel. Read book “The Pearl”.
 - Understand literary devices (fables, similes, metaphors, personifications, symbols)
 - Write essays, poems, and songs to apply lessons of the novel to future choices
 - Analyze and contrast characters for real life applications to situations of conflict
- Unit 4 Poetry**
- Learn facts about, and study representative works of 12 well known and lesser known poets, including Elizabeth Bishop; Betsy Exner; Robert Hayden; Eve Merriam; Nikki Giovanni; and John Masefield
 - Explore poetry as a common, useful, and creative literary genre
 - Rhyme schemes, voice, and figures of speech (simile, metaphor and personification)
 - Journaling. Compose original poetry on several topics.
- Unit 5 Nonfiction: The Newspaper**
- Identify and discuss the content of various sections of a newspaper
 - Know techniques for improving reading comprehension of newspapers, and practice different writing styles and formats for newspapers
 - Sharpen critical thinking abilities when reading newspapers
 - Explore different careers and occupations within the news reporting industry

English IIB

Released 2001/02SY

- Summary:** Review and evaluate different genres of writing while gaining and incorporating skills in such areas as vocabulary development, reading comprehension, literary response, speaking/listening, writing processes, and grammar.
- ▶ Reading level: 8th grade
 - ▶ HS graduation English credit, and university admission English CADR
 - ▶ Aligned with 2004 Reading EALRs and GLEs, and 2005 Communication & Writing EALRs and GLEs
 - ▶ NCAA Core Course
- Mentor Use:** (by request) Mentor Manual, offered online
PASSport to Success brochure
- Student Use:** Unit 1 – Short Stories student workbook
Unit 2 – Antigone student workbook, and book *The Three Theban Plays* (Sophocles, translation by Fagles)
Unit 3 – *Of Mice and Men* student workbook, and book *Of Mice and Men* (Steinbeck)
Unit 4 – Poetry student workbook
Unit 5 – Essays student workbook
- Mentor Notes:** Unit 3 and 5 tests require written assignments. Print directions before opening test.
- Unit 1 Short Stories**
- Read short stories by famous writers, such as Tony Cade Bambara, Amy Tan, Langston Hughes, Kate O’Flaherty Chopin, and O. Henry
 - Complete story outlines and plot triangles
 - Write situations that require decision-making skills
- Unit 2 Antigone**
- Discuss the beginnings and purposes of drama in Greek theater
 - Learn about errors in judgment and emotional responses in a tragedy
 - Explore some Greek Myths, with emphasis on fate and human control
 - Read the play “Antigone”
 - Write and reflect about beliefs, traditions and persuasion under the light of Antigone
 - Write a literary essay on Antigone
- Unit 3 Of Mice and Men**
- Learn some facts concerning the history of farm laborers in California
 - Read the book “Of Mice and Men”
 - Complete plot outlines and character charts
 - Identify character traits and make predictions about future occurrences
 - Write a critical review of the novel “Of Mice and Men”
- Unit 4 Poetry**
- Practice techniques for reading and analyzing poetry, studying representative works of 10 well known and lesser known poets, including Simon J. Ortiz; Arna Bontemps; and Sylvia Plath
 - Note uses of literary devices, such as alliteration, internal rhyme, refrain and allusion
 - Rhyme schemes, voice, and figures of speech (simile, metaphor and personification)
 - Write original poetry
- Unit 5 Essays**
- Understand essays as a type of literature
 - Read and analyze these essays: “The Night the Ghost Got In” by James Thurber; “No News from Auschwitz” by A.M. Rosenthal; “Partnership: A Blind Man and His Dog” by Peter Putnam; “Reply to the U.S. Government” by Chief Seattle; and “‘Real’ Men and Women” by Charles Osgood
 - Write literary essays of various types following guidelines

English IIIA

Released 2001/02SY

- Summary:** Review and evaluate different genres of writing while gaining and incorporating skills in such areas as vocabulary development, reading comprehension, literary response, speaking/listening, writing processes, and grammar.
- ▶ Reading level: 8th grade
 - ▶ HS graduation English credit, and university admission English CADR
 - ▶ Aligned with Communications, Reading and Writing EALRs and GLEs
 - ▶ NCAA Core Course
- Mentor Use:** (by request) Mentor Manual, offered online
PASSport to Success brochure
- Student Use:** All units – English Style and Usage Guide
Unit 1 – Short Stories student workbook
Unit 2 – Our Town student workbook, and book *Our Town* (play by Wilder)
Unit 3 – *To Kill a Mockingbird* student workbook, and book *To Kill a Mockingbird* (Lee)
Unit 4 – Poetry student workbook
Unit 5 – Nonfiction student workbook
- Mentor Notes:** Unit 3 and 5 tests require written assignments. Print directions before opening test.
- Unit 1 Short Stories**
- Understand literary devices important to short stories. Learn about noted writers.
 - Compare and contrast selected stories to analyze plots and complete plot outlines
 - Write journal entries in response to prompts using specific examples from a story
- Unit 2 Our Town**
- Learn facts about Thornton Wilder and understand some of his literary innovations
 - Read the book “*Our Town: A Play in Three Acts*” (Wilder)
 - Analyze characters and their speeches to identify themes within the work
 - Write a review of *Our Town*
 - Complete a biography from interview notes
- Unit 3 To Kill a Mockingbird**
- Report on facts regarding the author, Harper Lee
 - Understand the historical background for the novel
 - Read the book “*To Kill a Mockingbird*” (Lee)
 - Analyze characters and identify character traits
 - Write various types of newspaper articles. Journaling in response to prompts.
- Unit 4 Poetry**
- Learn facts about, and study representative works of, 12 well-known and lesser known poets, including Abraham Lincoln, William Carlos Williams, Janine Pommy Vega, and Jewel Kilcher
 - Know about literary periods for poetry of the United States
 - Rhyme schemes and voice. Figures of speech (simile, metaphor, personification)
 - Journaling. Compose poems on several topics. Create a visual response to a poem.
- Unit 5 Nonfiction**
- Understand the historical background for selected nonfiction works by Martin Luther King, Jr., Frederick Douglass, Chief Seattle, Kevin Gover, and the U.S. Environmental Protection Agency
 - Relate happenings of nonfiction pieces to present day
 - Write literary essays following guidelines; make journal entries in response to prompts; know key factors for effective writing

English IIIB

Released 2001/02SY

Summary:	Review and evaluate different genres of writing while gaining and incorporating skills in such areas as vocabulary development, reading comprehension, literary response, speaking/listening, writing processes, and grammar. ▶ Reading level: 8 th grade ▶ HS graduation English credit, and university admission English CADR ▶ Aligned with Communications, Reading and Writing EALRs and GLEs ▶ NCAA Core Course
Mentor Use:	(by request) Mentor Manual, offered online PASSport to Success brochure
Student Use:	All units – English Style and Usage Guide Unit 1 – Short Stories student workbook Unit 2 – Death of a Salesman student workbook, and book of same title (Miller) Unit 3 – The Adventures of Huckleberry Finn student workbook, and book of same title (Twain) Unit 4 – Poetry student workbook Unit 5 – Nonfiction student workbook
Mentor Notes:	Unit 3 and 5 tests require written assignments. Print directions before opening test.
Unit 1	Short Stories <ul style="list-style-type: none"> • Understand literary devices important to short stories while learning facts about noted writers of short stories • Compare and contrast selected stories to analyze plots and complete plot outlines • Analyze content and purposes of media forms and messages
Unit 2	Death of a Salesman <ul style="list-style-type: none"> • Learn about Arthur Miller and understand some of his literary innovations • Read the play “Death of a Salesman” (Miller) • Analyze characters and their speeches to identify themes within the work • Prepare and deliver a sales speech
Unit 3	The Adventures of Huckleberry Finn <ul style="list-style-type: none"> • Report on facts about Mark Twain. Understand historical background of the novel. • Read the book “The Adventures of Huckleberry Finn” (Twain) • Analyze characters. Identify character traits. Superstitions the characters observe. • Write newspaper articles and advertisements. Compile a newspaper. Journaling.
Unit 4	Poetry <ul style="list-style-type: none"> • Learn facts about, and study representative works of 18 well known and lesser known poets, including Stephen Crane, Edgar Lee Masters, E.A. Robinson, Elinor Wylie, Edna St. Vincent Millay, Robert Frost, and William Carlos Williams. • Know about literary periods for poetry of the United States • Identify speaker and tone of a poem. Figures of speech (simile, metaphor and personification) • Compose poems on several topics. Create a personal, visual response to a poem.
Unit 5	Nonfiction <ul style="list-style-type: none"> • Understand the historical background for selected nonfiction works. • Learn facts about, then read and analyze nonfiction writing by, Richard Wright, Azucena Calderón, Barbara Ehrenreich, Sandra Cisneros, and Cesar E. Chavez • Write a business letter. Complete a college application. Journaling in response to prompts. Complete a literary essay. • Obtain information on colleges from the Internet or libraries

English IVA

Released 2001/02SY

- Summary:** Review and evaluate different genres of writing while gaining and incorporating skills in such areas as vocabulary development, reading comprehension, literary response, speaking/listening, writing processes, and grammar. Unit 5 guides the student through preparation of a research paper.
- ▶ Reading level: 8th grade
 - ▶ HS graduation English credit, and university admission English CADR
 - ▶ Aligned with Communications, Reading and Writing EALRs and GLEs
 - ▶ NCAA Core Course
- Mentor Use:** (by request) Mentor Manual, offered online
PASSport to Success brochure
- Student Use:** Unit 1 – Short Stories: Mystery, Suspense and the Supernatural student workbook
Unit 2 – Macbeth student workbook
Unit 3 – Animal Farm student workbook, and book Animal Farm (Orwell)
Unit 4 – Continuing Your Education – Finding a Job student workbook
Unit 5 – The Research Paper student workbook
- Mentor Notes:** Unit 3 and 5 tests require written assignments. Print directions before opening test.
- Unit 1 Short Stories: Mystery, Suspense, and the Supernatural**
- Understand literary devices important to mystery and suspense literary works, while learning facts about noted writers, such as Charles Dickens, Sir Arthur Conan Doyle, and W.W. Jacobs
 - Compare and contrast selected stories by Charles Dickens, Sir Arthur Conan Doyle, and W.W. Jacobs, and the fairy tale “The Fisherman and His Wife.”
 - Analyze plots. Complete plot outlines. Write a creative essay.
- Unit 2 Drama: Macbeth**
- Understand background information about William Shakespeare and his times
 - Read the play “Macbeth” (Shakespeare). Analyze and compare characters.
 - Analyze universal themes, and the plot and structure of the play
 - Read to investigate, then complete writing assignments related to Macbeth
- Unit 3 Animal Farm**
- Enjoy and reflect on the messages of literary works by Alfred, Lord Tennyson and Samuel Johnson. Review three Aesop’s fables.
 - Read the book “Animal Farm” (Orwell)
 - Read “Animal Farm” (Orwell). Why were Seven Rules of Animalism changed?
 - Extract life lessons from the emotions, values and thirst for power of the animals.
- Unit 4 Continuing Your Education – Finding a Job**
- Write a college essay using a step-by-step guide
 - Answer the question, “How am I going to pay for college?”
 - Create a resume. Complete job applications. Prepare for interview questions.
 - Conduct a job search.
- Unit 5 The Research Paper**
- Step by step structured process to research, organize and write a research paper
 - Choose a topic of personal interest, or utilize provided topic guidelines and resources (Presidential speeches at times of national crisis).
 - Preliminary research, select a topic, source and note cards, thesis, draft, final paper with cover sheet and bibliography.

English IVB

Released 2001/02SY

- Summary:** Review and evaluate different genres of writing while gaining and incorporating skills in such areas as vocabulary development, reading comprehension, literary response, speaking/listening, writing processes, and grammar.
- ▶ Reading level: 8th grade
 - ▶ HS graduation English credit, and university admission English CADR
 - ▶ Aligned with Communications, Reading and Writing EALRs and GLEs
 - ▶ NCAA Core Course
- Mentor Use:** (by request) Mentor Manual, offered online
PASSport to Success brochure
- Student Use:** Unit 1 – Short Stories student workbook
Unit 2 – Pygmalion student workbook, and book Pygmalion (Shaw)
Unit 3 – Lord of the Flies student workbook, and book Lord of the Flies (Golding)
Unit 4 – Poetry student workbook
Unit 5 – Nonfiction: Essays student workbook
- Mentor Notes:** Unit 3 and 5 tests require written assignments. Print directions before opening test.
- Unit 1 Short Stories**
- Learn about noted short story writers, and literary devices important to short stories
 - Compare and contrast selected stories to analyze plots and complete plot outlines
 - Write a newspaper article, a radio news item, a business letter and a creative essay
- Unit 2 Drama: Pygmalion**
- Learn about George Bernard Shaw and the background of the story
 - Reflect on the importance of language, and the status of women in society
 - Read the play “Pygmalion”; analyze characters and their environment
 - Use graphic organizers to facilitate the analysis of literary works
 - Write an essay
- Unit 3 Lord of the Flies**
- William Golding, his view of human nature, and historic background of the novel
 - Read the novel “Lord of the Flies”; analyze characters & character traits
 - Explore important themes like happiness, fear, and leadership
 - Prepare a speech, and write an essay
- Unit 4 Poetry**
- Know facts about, and study representative works of 14 well-known poets.
 - Techniques for reading poetry. Importance of imagery and figurative language.
 - Identify rhyme and rhythm schemes. Paraphrase a poem. Writing assignments.
- Unit 5 Nonfiction: Essays**
- Understand the history of essays as a literary form
 - Know facts about these writers and study the following essays: “Meditation 17” by John Donne; excerpt from “A Journal of the Plague Year” by Daniel Defoe; “A Modest Proposal” by Jonathan Swift; excerpt from “The Life of Samuel Johnson” by James Boswell; “Shooting an Elephant” by George Orwell (Eric Blair)
 - Write short essays about topics related to the themes read in this unit

Four Ps: Plan, Pathway, Portfolio and Project

Released 2003-04 SY

Summary: Through self-assessment, active investigation, and practical application, the student learns leadership skills. In the process, a learning portfolio is developed. The portfolio includes a plan for graduating from high school and entering into postsecondary education. Unit 5 supports a career investigation project involving research, interviews, job shadowing, a written paper and oral presentation.

▶ Reading level: 8th grade

▶ Aligned with Communications, Reading and Writing EALRs and GLEs

▶ HS Culminating Project Requirement offering HS graduation Elective credit. May be applied to English credits at discretion of local district.

Mentor Use: (by request) Mentor Manual, offered online
PASSport to Success brochure

Student Use: All units – Internet Resources Guide
Unit 1 – Your Plan student workbook, Career Pathways Guide, colored pencils
Unit 2 – Leadership Skills student workbook, colored pencils
Unit 3 – Post Secondary Plans student workbook; book Path to Scholarships; and booklet Funding Your Education
Unit 4 – Maximize Your Potential student workbook, book Path to Scholarships, and Style & Usage Guide
Unit 5 – Culminating Project student workbook

Mentor Notes: Unit 1 and 5 tests require entry of a local supplemental score. See Mentor Manual.
Unit 3 and 4 tests require a written assignment completed as part of the workbooks.
Student is permitted to keep the completed unit workbooks.

Unit 1 Your Plan

- Goals, dreams and values. Exploring a career. Career pathways.
- Graduation requirements. Portfolio. Portfolio outline.
- Resume; getting a job

Unit 2 Leadership Skills

- Concept of leadership
- Understanding and developing one's potential. Choices and barriers.
- Making choices, setting goals, solving problems
- Planning and evaluating
- Developing a healthy lifestyle

Unit 3 Post Secondary Plans

- Preparing for college
- Researching colleges. Visiting colleges. Application process. Admissions tests.
- Financial aid

Unit 4 Path to Scholarships

- Introduction to scholarships.
- Community service (14 hrs required). Evaluating your service project.
- Preparing to win scholarships. Scholarship essay.
- Finding and applying for scholarships.

Unit 5 Culminating Project

- Researching a career of interest
- Information interview of someone in the career
- Paper: Draft and final version
- Project: job shadowing in the career
- Prepare for and give your presentation

Learning English Through Literature Released 2009/10 SY

- Summary:** Develops and strengthens reading, writing, listening, speaking, viewing and producing language skills through study of the newspaper, poetry, store genre and the novel. Intended for intermediate English language learner with some basic English skills.
 ► Reading level: 5th grade
 ► Aligned with 2004 Reading , and 2005 Communication & Writing EALRs and GLEs
 ► HS graduation English credit, and university admission English CADR (English as a Second Language)
- Mentor Use:** (by request) Mentor Manual, offered online
 PASSport to Success brochure
- Student Use:** Unit 1 – Basic Skills student workbook
 Unit 2 – The Newspaper student workbook
 Unit 3 – Poetry student workbook
 Unit 4 – Story Genre student workbook
 Unit 5 – The Novel student workbook, and the book Seedfolks (Fleischman)
- Mentor Notes:** Unit 2 and 5 tests require submission of written assignments completed through workbook lessons. Print written directions before opening test.

Unit 1 Basic Skills

- Looking up definitions in a dictionary. Choosing the right meaning of a word.
- Parts of speech. Forms of a word. Pronunciation.
- Clues from root words, prefixes and suffixes.
- Reading strategies: survey, question, read, recite
- Writing strategies. The writing process.

Unit 2 The Newspaper

- News article: who, what, when, where, why, how
- Human interest story: cause and effect. Write a news article.
- Business article: making predictions. Graphics as visual clues.
- Sports section: charts as summaries. Letters to the editor: fact vs. opinion.
- Classified ads: asking questions/writing descriptions

Unit 3 Poetry

- Reading poetry for understanding and enjoyment
- Learn about eight well known poets, and study representative works
- Literary elements of poetry. Point of view. Compare/contrast two poems.
- Write an organized essay and original poems
- English language conventions: grammar, spelling, punctuation

Unit 4 Story Genre

- Read to understand: fables, myths, folk tales
- Persuasive, expressive, and literary writing
- Retell a folk tale from one’s culture. Write an original fable and original myth.
- Write a compare/contrast essay.
- Grammar: pronouns, articles, prepositions, conjunctions, interjections

Unit 5 The Novel

- Literary elements used in novels. Understanding cultural context.
- Compare/contrast two characters. Make predictions and inferences.
- Observe/understand sequence of an on-going event
- Read aloud with expression, correct pronunciation, and voice
- English language conventions: grammar, spelling, pronunciation

Preparing for College

Released 2008/09 SY

Summary: Helpful orientation for student who will be the first person in the immediate family to attend college. Fills in gaps in school post-secondary education orientations resulting from moves between states or schools. For expanded coverage, see Four P's course. Evidence of discoveries from supported and independent investigations will provide a rich resource for the student's academic portfolio.

- ▶ Reading level: 7th grade, with glossary support throughout
- ▶ HS graduation Electives credit (.1 Carnegie credit), or may be applied toward English requirement at discretion of local district

Mentor Use: (by request) Mentor Manual, offered online
PASSport to Success brochure

Student Use: Unit 1 – Preparing for College student workbook

Mentor Notes: Unit 1 test includes a written assignment. Print directions before opening test. Student is permitted to keep the completed unit workbook.

Unit 1 Preparing for College

- Setting goals for college success
- High school students look to the future
- How will I pay for college?
- Test taking strategies
- What is the best way for YOU to study?
- Selecting a college
- Starting the college essay
- Finishing the college essay
- Filling out college applications
- The college interview
- You and your parents
- Internet activities
- College—a different culture

You and the News

Available to students in 7th through 12th grade

Summary: Uses the newspaper to develop reading and writing skills, while achieving objectives in language arts, social studies, math, science and art. Emphasizes the application of different content areas to everyday life as reported in the newspaper.

▶ Reading level: 6th grade

▶ HS English or Elective credit at discretion of local district

Mentor Use: PASSport to Success brochure

Student Use: All units – newspaper (provided)
 Unit 1 – Language Arts student workbook
 Unit 2 – Social Studies student workbook
 Unit 3 – Mathematics student workbook
 Unit 4 – Science student workbook
 Unit 5 – Arts student workbook

Unit 1 Language Arts

- Newspaper language: Who, what, where, why, when? Functions of a newspaper.
- Develop critical reading skills by analyzing advertising, editorials, opinion sections
- Word connotations and vocabulary development
- Punctuation review and critical writing skills
- The comics, sports and current events
- Jobs for bilinguals

Unit 2 Social Studies

- Learning about your city and state
- Different cultures
- Agencies, family crises, survival, and values
- Leadership, the First Amendment to the Constitution, history in the news
- Economy, weather, transportation, consumerism

Unit 3 Mathematics

- Comparative shopping, budgeting, planning a menu
- Graphs and charts
- Computing sales commissions
- Time and time management
- Estimates and geometry

Unit 4 Science

- Mapping the weather
- Agricultural outlook; animal science
- Natural resources, energy and pollution
- Health and diet
- Computers

Unit 5 Arts

- Designing advertisements
- The performing arts
- Fashion
- Creating cartoon characters
- Architecture and interior design

Health and Fitness

Released 2001/02SY

- Summary:** Comprehensive approach to health, equipping students with practical knowledge and application of health principles. Encourages a proactive, positive and responsible approach to personal health.
- ▶ Reading level: 8th grade
 - ▶ Available in Spanish translation
 - ▶ HS graduation Physical Education credit
 - ▶ Aligned with (draft) 2004 Health and Fitness EALRs
 - ▶ Enrollment in Unit 3 may require written parental consent (see PASS Form F)
- Mentor Use:** (by request) Mentor Manual, offered online
PASSport to Success brochure
- Student Use:** All units – Teenage Human Body Operators Manual (optional; not available in Spanish)
- Unit 1 – How are You Feeling? student workbook, and food pyramid chart
 - Unit 2 – How Does Your Community Feel? student workbk—STUDENT RETAINS
 - Unit 3 – What is Your Risk? student workbook
 - Unit 4 – How is Your Emotional IQ? student workbook
 - Unit 5 – What is Your Plan? student workbook
- Mentor Note:** Passing the Health Classroom Based Assessment offered at your high school is a requirement for graduation in Washington. Please help your student prepare for this.

Unit 1 How are You Feeling?

- Introduction to health and definitions. The triangle of health.
- Body systems
- Hygiene and good manners. Fitness, exercise, and nutrients.

Unit 2 How does Your Community Feel?

- Community and health; kinds of communities
- A look at the Hispanic and teenage community. Vulnerable communities.
- Communicable and non-communicable diseases
- Investigating community health organizations.

Unit 3 What is Your Risk?

- Nutrition, physical activity, and personal attitude toward exercise
- Health and legal consequences for teenage use of drugs, tobacco, and alcohol
- Injuries and suicide
- Abstinence; risks, sexual behaviors, and sexually transmitted diseases
- Role and power of the media. Eating disorders and body image.
- Personal safety and mental health. Home and family safety.

Unit 4 How is Your Emotional IQ?

- Emotional health. Emotions and decision-making.
- Building resilience, balance, and self-control
- Managing anger and stress
- Conflict resolution and peace-making
- Recognizing and preventing violence
- Improving attitudes. Self-esteem and affirmations.

Unit 5 What is Your Plan?

- Habits and responsibility
- Prevention versus cure. Self-care and setting your health goals
- Health and your future employment. Health care benefits.
- Mental health and depression
- Role models. Your life story and dreams.

Algebra IA

Released 2002/03SY; Revised 2010/11SY

- Summary:** Reviews foundations for success in algebra. Moves into writing and evaluating algebraic expressions of one or many steps, and solving word problems with algebra. Progresses to slope and intercept and its applications, the algebra of inequalities, and organizing data. Introduces mathematical reasoning.
- ▶ Reading level: 8th grade
 - ▶ Available in Spanish translation
 - ▶ HS graduation Math credit, and university admission Math CADR
 - ▶ Aligned with 2008 Math EALRs and PEs
 - ▶ NCAA Core Course
 - ▶ Passing EITHER the State Year 1 (Algebra) OR Year 2 (Geometry) End of Course exam offered in your district is required for graduation. The classes of 2015 and after must pass both.
- Mentor Use:** (by request) Mentor Manual, offered online
PASSport to Success brochure
- Student Use:** All units – Protractor and graphing paper
Unit 1 – Foundations student workbook
Unit 2 – Equations and Applications student workbook
Unit 3 – Introduction to Linear Equations student workbook
Unit 4 – More Complex Linear Equations student workbook
Unit 5 – Organizing Data student workbook
- Unit 1 Foundations**
- Real numbers and their properties. Order of operations
 - Addition, subtraction, multiplication and division of signed integers
 - Fractions and number sense. Operations with fractions. Decimals.
 - Scientific notation and percent. Absolute value. Variables and axioms.
- Unit 2 Equations and Applications**
- Writing and evaluating algebraic expressions with one or more variables
 - Addition, subtraction, multiplication and division of one step equations
 - Two step and multi-step equations. Writing equations.
 - Word problems (3 lessons). Distance rate-time problems. Literal equations.
- Unit 3 Introduction to Linear Equations**
- Slope of a line. Intercepts. Application of slope and intercept.
 - Effects of change of slope and intercepts. Horizontal and vertical lines.
 - Inverse functions. Applications. Writing linear equations.
 - Functions and relations. Functional notation. Linear functions.
 - Functional notation evaluation. Work problems. Percent and mixture problems.
- Unit 4 More Complex Linear Equations**
- Systems of Two Linear Equations: graphing, substitutions, addition/elimination.
 - Writing systems of equations. Systems with two variables.
 - Systems with three variables: solving the equation. Applications.
 - Algebra of inequalities. Graphing and writing inequalities.
 - Linear inequalities in two variables. Linear programming.
- Unit 5 Organizing Data**
- Statistics – organizing data. Bar, line and circle graphs. Pictographs.
 - Mean and Median. Frequency distributions. Box and Whisker Plots.
 - Mathematical reasoning. And/Or statements. Conditional and biconditional statements. Deduction and Induction.
 - Absolute value inequalities with one variable.

Algebra IB

Released 2002/03SY; Revised 2010/11SY

Summary: Presents a logical progression of the study of probability, quadratic equations, exponents and solving polynomial expressions, radical and rational expressions, and factoring. Clear illustrations and down-to-earth explanations and applications support retention.

- ▶ Reading level: 8th grade
- ▶ Available in Spanish translation
- ▶ **Prerequisite:** successful completion of equivalent of Algebra IA
- ▶ HS graduation Math credit, and university admission Math CADR
- ▶ Aligned with 2008 Math EALRs and PEs
- ▶ NCAA Core Course
- ▶ Passing EITHER the State Year 1 (Algebra) OR Year 2 (Geometry) End of Course exam offered in your district is required for graduation. The classes of 2015 and after must pass both.

Mentor Use: (by request) Mentor Manual, offered online
PASSport to Success brochure

Student Use: All units – Protractor and graphing paper
Unit 1 – Probability, Outcomes student workbook
Unit 2 – Quadratics student workbook
Unit 3 – Exponents and Polynomials student workbook
Unit 4 – Radicals and Rational Expressions student workbook
Unit 5 – Factoring Polynomials and Algebraic Fractions student workbook

Unit 1 Probability, Outcomes

- Theoretical probability. Experimental probability and simulations.
- Geometric probability & expected value. Mutually exclusive/complementary events.
- Tree diagrams and multi-stage experiments. Permutations. Combinations. Sets.
- Density property of real numbers. Measurement: conversions; problem solving.

Unit 2 Quadratics

- Basics of quadratics. Factoring, using square roots. Complete the square.
- Quadratic formula. The discriminant and the nature of roots. Vertex of parabola.
- Graphing quadratic function. Writing quadratic equations. Maximum/minimum.
- Simultaneous solutions: linear equation, quadratic function. Conic sections.

Unit 3 Exponents and Polynomials

- Exponents and their operations. Algebraic expressions with components.
- Combining like terms.
- Exponential growth and decay.
- Polynomials: Add, subtract and multiply.
- Multiply with binomials. Special binomial products.
- Divide polynomial by a monomial, or with a binomial.

Unit 4 Radicals and Rational Expressions

- Radicals. Like radicals. Add/subtract radicals with variables.
- Rational expressions. Rational expressions with radical monomial denominators.
- Multiply/divide radical expressions with variables. Simplify radicals with variables.
- Rational expressions with radical binomial denominators.
- Distance formula or midpoint formula and a circle. Matrices and problem solving.

Unit 5 Factoring Polynomials and Algebraic Fractions

- Factoring – Common factors. Difference of 2 squares.
- Factoring Trinomials. Factoring by grouping.
- Factor sum/difference of 2 cubes. Factor completely.
- Reduce, add, subtract, multiply and divide algebraic fractions of increasing complexity

Algebra IIA

Released 2002/03SY

Summary: Higher level math course covering linear equations, quadratic and polynomial functions, and power functions. With written parental consent, a year of math courses more closely aligned with the student's career goal may be applied toward high school graduation requirements.

- ▶ Reading level: 8th grade
- ▶ **Prerequisites:** successful completion of one year each of algebra and geometry
- ▶ Available in Spanish translation
- ▶ HS graduation Math credit, and university admission Math CADR
- ▶ See Mentor Manual for alignment with 2008 Math EALRs and PEs.
- ▶ NCAA Core Course

Mentor Use: (on request) Mentor Manual, available online
(on request) Mentor Kit containing graphing calculator. Limit: one per PASS CP.
PASSport to Success brochure

Student Use: All units – Graphing paper and ruler
Unit 1 – Linear Equations and Functions student workbook
Unit 2 – Systems of Linear Equations and Inequalities student workbook
Unit 3 – Quadratic Functions student workbook
Unit 4 – Polynomial Functions and Their Graphs student workbook
Unit 5 – Power Functions and Inverses student workbook

Unit 1 Linear Equations and Functions

- Real numbers, linear equations. Identify, graph and evaluate linear functions.
- Slope of a line. Relationships between lines. Slope as a rate of change.
- Slope-Intercept form. Graph a linear equation on a graphing calculator.
- Write equation of a line given slope and y-intercept or a point on the line, or two points on the line
- Use an algebraic model to make a prediction given a set of data
- Solve absolute value equations and graph absolute value functions

Unit 2 Systems of Linear Equations and Inequalities

- Solve linear inequalities, then absolute value inequalities in one variable
- Graph and write linear inequalities in two variables
- Solve a linear system with zero, one, or many solutions graphically
- Use the linear combination method, and the substitution method
- Graph two inequalities in two variables, then three inequalities in two variables
- Bounded and unbounded regions. Min/max values of an objective function
- Locate an ordered triple in 3-dimensional space.
- Solve a system in 3 variables using linear combination method
- Simple matrix operations. Add and subtract; multiply a matrix by a scalar.
- Multiply matrices. Verify properties
- Evaluate determinants of 2 x 2 and 3 x 3 matrices. Find area of triangle.
- Convert linear equations of 2, 3 or more variables to matrix equation; solve it using a graphing calculator

Unit 3 Quadratic Functions

- Graph of quadratic function is a parabola. Identify vertex and axis of symmetry.
- Identify and graph quadratic function as standard, vertex, or intercept form.
- Write quadratic function in standard form.
- Identify monomials, binomials, and trinomials. Factor a trinomial. Distinguish two squares from a perfect square trinomial.
- Relationship between solutions, zeros, x-intercepts and roots. Maximum/minimum value as average of quadratic function's zeros using graphing calculator.

Algebra IIA Unit 3 (cont'd)

- Apply properties of square roots to solving quadratic equations. Verify solution.
- Parabolas with no real solutions. Solve equations with imaginary solutions.
- Add, subtract, multiply and divide complex numbers. Pattern in the powers of i .
- Solve quadratic equations by completing the square
- Vertex form of a quadratic function.
- The quadratic formula. Applications of quadratic equations.
- Graphs of quadratic inequalities. Solving quadratic inequalities. Quadratic models.

Unit 4 Polynomial Functions and Their Graphs

- Evaluate and simplify expressions with exponents. Apply scientific notation to solve realistic problems.
- Identify and evaluate polynomial functions. Use synthetic substitution.
- Graph a polynomial function. Determine the end behavior of a graph.
- Add and subtract polynomials both vertically and horizontally. Multiply polynomials. Apply special product patterns.
- Factor polynomial expressions using the sum or difference of cubes. Factor polynomials by grouping.
- Apply factoring to solve polynomial equations. Solve polynomial equations in realistic situations.
- Divide polynomials using long division, then using synthetic division.
- Find rational zeros of polynomial functions without and with assistance of a graphing calculator.
- Graph and analyze graph of polynomial function using x -intercepts.

Unit 5 Power Functions and Inverses

- Identify the index of a radical. Evaluate the N th root of real numbers using radical notation. Identify the number of real roots of a given real number.
- Evaluate N th roots using rational exponential notation. Evaluate expressions with rational exponents. Solve an equation using an N th root.
- Simplify expressions using the properties of rational exponents and radicals.
- Write radicals in simplest form. Add and subtract roots and radicals.
- Identify and graph a power function using paper/pencil, then graphing calculator.
- Find the composition of two functions.
- Find inverse of linear function. Graph a linear function and its inverse.
- Find the inverse of a nonlinear function. Graph a nonlinear function and its inverse.
- Find the inverse of a power function. Graph a power function and its inverse.
- Graph a square root function; graph a cube root function.
- Solve a simple radical equation. Solve an equation with rational exponents.
- Solve an equation with one radical, two radicals, extraneous solution.

Algebra IIB

Released 2004/05SY

Summary: Higher level math course continues advanced algebra content through fundamentals of trigonometry. With written parental consent, a year of math courses more closely aligned with the student's career goal may be applied toward high school graduation requirements.

- ▶ Reading level: 8th grade
- ▶ **Prerequisite:** successful completion of the equivalent of Algebra IIA
- ▶ Available in Spanish translation
- ▶ HS graduation Math credit, and university admission Math CADR
- ▶ See Mentor Manual for alignment with 2008 Math EALRs and PEs.
- ▶ NCAA Core Course

Mentor Use: (by request) Mentor Manual, offered online
(by request) Mentor Kit containing graphing calculator. Limit: one per PASS CP.
PASSport to Success brochure

Student Use: All units – Graphing paper and ruler
Unit 1 – Exponential and Logarithmic Functions student workbook
Unit 2 – Rational Functions and Their Graphs student workbook
Unit 3 – Quadratic Relations and Conic Sections student workbook
Unit 4 – Fundamentals of Trigonometry student workbook
Unit 5 – Probability and Statistics student workbook

Unit 1 Exponential and Logarithmic Functions

- Graphs of exponential functions. Exponential growth models and decay factors.
- Solving exponential equations. The number “e”; graphing and using “e”.
- Logarithmic functions, graphing and using logarithmic functions
- Properties of logarithms, solving logarithmic equations
- Modeling with exponential functions
- Logistic growth; logistic growth equations

Unit 2 Rational Functions and Their Graphs

- Inverse variation; joint variation
- Graphing rational functions without and with higher degree polynomials
- Order of operations. Add, subtract, multiply and divide rational expressions.
- Rational equations with one solution, and with extraneous solutions.
- Rational equations with extraneous solutions
- Applications of rational expressions

Unit 3 Quadratic Relations and Conic Sections

- Distance formula; midpoint formula
- Graph of parabolas. Equations of parabolas. Hyperbolas. Circles, ellipses, conics.
- Quadratic systems. Quadratic systems in real life.

Unit 4 Fundamentals of Trigonometry

- Right triangle trigonometry. Measuring angles in degrees and radians.
- Trigonometric functions; inverse trigonometric functions
- Law of Sines. Law of Cosines. Parametric equations
- Trigonometric functions: graphing, transformations, identities.
- Solving trigonometric equations. Modeling data using trigonometric functions.
- Sum and difference formulas. Double- and half-angle formulas.

Unit 5 Probability and Statistics

- Statistics. Fundamental Counting Principle. Combinations.
- Theoretical probabilities. Experimental probabilities. Geometric probabilities.
- Probability of multiple events, and of independent and dependent events.
- Binomial experiments and distributions. Normal distributions.

Consumer Math

Grades 7-12; Released 2005/06SY

Summary: Relate mathematical concepts to adult life challenges. Synthesize information from multiple sources, select appropriate mathematical tools, and calculate mathematical solutions which permit comparison and informed decision making.

▶ Reading level: 7th grade

▶ See Mentor Manual for alignment with 2008 Math EALRs and PEs.

▶ Available in Spanish translation

▶ HS graduation Math credit, and university admission senior year Math CADR

Mentor Use: (by request) Mentor Manual, offered online
PASSport to Success brochure

Student Use: All units – Pocket calculator, Internet Resources Guide
Unit 1 – Earnings and Income Tax student workbook
Unit 2 – Dealing with Money student workbook
Unit 3 – Budgeting and Credit student workbook
Unit 4 – Housing Costs student workbook
Unit 5 – Smart Shopping student workbook

Unit 1 Earnings and Income Tax

- Compare wages paid for piecework, by the hour, on salary, and on commission.
- Calculate total hours worked during a pay period. Impact of paid overtime.
- Understand terms related to income and deductions. Verify earnings statement.
- Impact of personal allowances on Federal W-4 Form to paycheck deductions.
- Prepare and submit a Federal 1040EZ income tax return

Unit 2 Dealing with Money

- Actual costs of a desired service at base price and with optional add ons.
- Find best value of comparable items marketed in differing units of measure.
- Making change, verifying correct change, accounting for cash expenditures.
- Money order. Personal check. Balance a checking or savings account.
- Electronic banking privileges. Comparative bank charges and service fees.

Unit 3 Budgeting and Credit

- Anticipate net income. Budget for fixed and flexible expenses.
- Emergency fund. Personal savings. Types of credit, and their ultimate cost.
- Impact of simple and compound interest on total debt over varying periods of time.
- Actual cost of a credit card purchase, including fees and interest. Credit rating.
- Debt reduction strategies. Depreciating and appreciating assets. Net worth.

Unit 4 Housing Costs

- Calculate move-in costs of renting. Renters' insurance. Contract to lease.
- Impact of financing and closing costs on equity with short duration home ownership.
- Calculate total costs of renting, leasing, or owning furniture or a home.
- Hidden costs of home ownership. Impact of down payment on total cost.
- Impact of interest rate on monthly payment and affordability.

Unit 5 Smart Shopping

- Comparison shopping across varying units of measurement.
- Evaluate advertising techniques. Discount prices and promotional sales.
- Layaway plans. Buying clubs. Mail order and online shopping. Consumer fraud.
- Impact of down payment, interest and options on eventual cost of an automobile.
- Mileage and scheduled maintenance as a factor of total cost for life of vehicle.

General Math A

Grades 7-12

- Summary:** Addition, subtraction, multiplication and division. Extracting useful information from charts, tables and graphs. Estimation and averages. Word problems. Strategies for problem solving.
- ▶ Reading level: 6th grade
 - ▶ Placement should be driven by a formal assessment of the student's math skills
 - ▶ HS graduation Elective or Math credit consistent with uniformly implemented local practice
 - ▶ See Mentor Manual for alignment with 2008 Math EALRs and PEs
- Mentor Use:** (by request) Mentor Manual, offered online
PASSport to Success brochure
- Student Use:** Unit 1 – Numeration Systems and Place Value student workbook
Unit 2 – Addition and Subtraction student workbook
Unit 3 – Multiplication student workbook
Unit 4 – Division student workbook
Unit 5 – Application student workbook
- Mentor Notes:** Student is NOT permitted to use a calculator during unit tests. Provide scratch paper.
- Unit 1 Numeration Systems and Place Value**
- Recognize whole numbers. Identify place value.
 - Looking at larger numbers. Word numbers.
 - Face value, place value, and total value
 - Expanded notation
- Unit 2 Addition and Subtraction**
- Basic addition facts and applications
 - Addition without regrouping. Two digit addition regrouping.
 - Three-Digit addition with zeros, or with regrouping.
 - Multiple addends with regrouping
 - Basic subtraction facts and applications. Subtraction without and with regrouping.
- Unit 3 Multiplication**
- Basic multiplication facts and applications
 - Multiplication without regrouping
 - Two digit multiplication with regrouping
 - Three digit multiplication. Three digit multiplication with zero
 - Two digit times two digit multiplication
- Unit 4 Division**
- Basic steps of division and their application
 - One digit divisor, two digit dividend with remainders
 - One digit divisor, three or four digit dividend with zero
 - Two digit divisor, two or three digit dividend without or with remainders
 - Two or three digit divisor, multiple digit dividend without or with remainders
 - Three digit divisor and dividend with zero
 - Multiple dividends
- Unit 5 Application**
- Review of addition, subtraction, multiplication and division
 - Understanding charts, tables, and graphs
 - Estimation. Finding averages. Strategies for problem solving.

General Math B

Grades 7-12

- Summary:** Fractions, decimals and percents, measurement, area and volume, and conversion to the Metric system. Word problems. Strategies for problem solving.
- ▶ Reading level: 6th grade
 - ▶ Prerequisite: assessed skills equivalent to those taught in General Math A
 - ▶ Placement should be driven by a formal assessment of the student's math skills
 - ▶ HS graduation Elective or Math credit consistent with uniformly implemented local practice
 - ▶ See Mentor Manual for alignment with EALRs and 2008 Math PEs
- Mentor Use:** (by request) Mentor Manual, offered online
PASSport to Success brochure
- Student Use:** Unit 1 – Fractions student workbook
Unit 2 – Decimals student workbook
Unit 3 – Percents student workbook
Unit 4 – Measurement student workbook
Unit 5 – Metrics student workbook, and plastic measuring tape (not provided)
- Mentor Notes:** Student is NOT permitted to use a calculator during unit tests. Provide scratch paper.

Unit 1 Fractions

- Identify fractions as part of the whole
- Identify proper, improper, and mixed number fractions
- Write equivalent fractions, reduce fractions to lowest terms, rename fractions
- Identify the GCF and the LCD
- Add fractions, subtract fractions, multiply fractions, divide fractions

Unit 2 Decimals

- Understand place value
- Read and write decimals
- Round decimals
- Change decimals to fractions and fractions to decimals
- Add decimals, subtract decimals, multiply decimals, divide decimals

Unit 3 Percents

- Change decimals, common fractions, and mixed numbers to percents
- Change percents to decimals. Solve percent by proportion and ratio.
- Change percents, common fractions and mixed numbers
- Find a percent of number. Find what percent one number is of another
- Find a number when a percent of it is known

Unit 4 Measurement

- Identify and measure lines
- Understand plane closed figures. Find perimeters.
- Compare linear units of measure
- Compare units of liquid measure and of mass
- Add, subtract, multiply and divide measures. Find areas and volumes.

Unit 5 Metrics

- Measure metric length
- Understanding metric meanings and applying metric conversions
- Find sums or differences
- Find the perimeter, area, volume, or weight
- Understand Celsius temperature

Geometry A

Released 2004/05SY

- Summary:** Study of figures that are composed of points, lines and surfaces. Proofs are emphasized throughout the course. Develops critical thinking skills.
- ▶ Reading level: 8th grade
 - ▶ Prerequisite: successful completion of one year of algebra
 - ▶ HS graduation Math credit, and university admission Math CADR
 - ▶ See Mentor Manual for alignment with 2008 Math EALRs and PEs.
 - ▶ NCAA Core Course
 - ▶ Passing EITHER the State Year 1 (Algebra) OR Year 2 (Geometry) End of Course exam offered in your district is required for graduation. The classes of 2015 and after must pass both.
- Mentor Use:** (by request) Mentor Manual, offered online
(by request) Mentor Kit (calculator, compass, protractor). Limit: one per PASS CP.
PASSport to Success brochure
- Student Use:** All units – Geometry Handbook
Unit 1 – Exponential and Logarithmic Functions student workbook
Unit 2 – Congruent Triangle Theorems and Construction student workbook
Unit 3 – Parallel, Perpendicular, and Angle Theorems student workbook
Unit 4 – Perimeter, Area and Volume student workbook
Unit 5 – Properties of Common Geometric Shapes student workbook
- Unit 1 Exponential and Logarithmic Functions**
- Points, lines and planes. Line segments, angles and rays.
 - Plane geometry, polygons, solid geometry
 - Sketches and intersections of planes with solids
 - Omioes, nets of cubes, nets of other 3-dimensional figures
 - Visualizing three-dimensional objects; perspective; sketch geometric models
- Unit 2 Congruent Triangle Theorems and Construction**
- Side-Angle-Side, Angle-Side-Angle and Side-Side-Side Theorems.
 - Isosceles Triangle Theorems. Converse of the Isosceles Triangle Theorem
 - Introduction to constructions. Triangle constructions
 - Conditions that are, or are not, sufficient to prove triangles congruent
 - Perpendicular Bisector Theorem. Right Triangle Theorems I and II.
- Unit 3 Parallel, Perpendicular, and Angle Theorems**
- Exterior angles, lines perpendicular to the same line. Transversals and parallel lines.
 - Lines perpendicular to parallel lines and non-Euclidean geometries
 - Interior Angles and Corresponding Angle Theorems. Angle comparisons.
 - Equal Segments Theorem. Mid-segments.
 - Median in a right triangle. A triangle with unequal sides, or unequal angles.
- Unit 4 Perimeter, Area and Volume**
- Connection between perimeter and area. Effects of changing dimensions.
 - Area of a parallelogram, triangle, trapezoid, and regular polygons
 - Surface area of prisms, cylinders, spheres, pyramids and cones
 - Volume of prisms, pyramid, cylinders, cones, and spheres
- Unit 5 Properties of Common Geometric Shapes**
- Hierarchy of polygons and their properties. Special parallelograms.
 - Parallelogram constructions. Sufficient conditions: rectangles, rhombi, squares
 - Isosceles trapezoids. Constructing trapezoids. Trigonometric ratios
 - Right triangle applications, and properties of special right triangles
 - Identities. Law of Cosines. Law of Sines.

Geometry B

Released 2004/05SY

Summary: Mathematics of circles, polygons, and three dimensional objects. Proofs are emphasized throughout the course. Develops critical thinking skills.

▶ Reading level: 8th grade

▶ Prerequisite: successful completion of equivalent of Geometry A

▶ HS graduation Math credit, and university admission Math CADR

▶ See Mentor Manual for alignment with 2008 Math EALRs and PEs.

▶ NCAA Core Course

▶ Passing EITHER the State Year 1 (Algebra) OR Year 2 (Geometry) End of Course exam offered in your district is required for graduation. The classes of 2015 and after must pass both.

Mentor Use: (by request) Mentor Manual, offered online
(by request) Mentor Kit (calculator, compass, protractor). Limit: one per PASS CP.
PASSport to Success brochure

Student Use: All units – Geometry Handbook
Unit 1 – Circles student workbook
Unit 2 – Angles, Arcs, Concurrent Lines, Similarities and Proportions student workbk
Unit 3 – Logic student workbook
Unit 4 – Coordinate Geometry student workbook
Unit 5 – Motion Geometry student workbook

Unit 1 Circles

- Circles—related definitions and postulates. Constructing a circle from three points.
- Chords and arcs. Diameters and other chords. Intersecting circles.
- Chords equidistant from the center. Unequal minor arcs, unequal chords.
- Tangents and radii, tangents from the same outside point, tangent circles
- Constructing tangents to a circle. Parallel lines and circles.

Unit 2 Angles, Arcs, Concurrent Lines, Similarities and Proportions

- Inscribed angles. Angles formed by a tangent and a chord, two intersecting chords, or secants and tangents. Concurrent lines.
- Regular inscribed polygons and circumscribed polygons
- Ratio and proportion and parallel line proportionality. Similar triangles
- Bisectors of interior and exterior angles of triangles and proportionality
- Right triangles and similarity. A circle and proportionality.

Unit 3 Logic

- Truth tables—conditional statements. The converse of a statement.
- Biconditionals. The inverse of a statement. Contrapositives.
- Logically equivalent statements. Identities. Tautologies, contradictions, and contingencies. Qualifiers. Valid arguments. Logic puzzles.

Unit 4 Coordinate Geometry

- Analytic geometry. Using coordinate in proofs. Coordinate geometry.
- Three-dimensional distances, prisms, and pyramids
- The locus problem, locus of points in a plane, intersection of loci
- Coordinate geometry and the locus of first-degree equations, or of circles.
- Locus and an ellipse, a parabola, or a hyperbola. Conic sections. Vectors.

Unit 5 Motion in Geometry

- Transformations, translations, reflections, rotations
- Combinations of transformations, identifying transformations
- Symmetry. Tessellations with polygons, Escher-life tessellations
- Fractals and chaos.

Math 8A Foundations of Algebra & Geometry

Released 2009/10SY

- Summary:** Study of real numbers: algebraic expressions; factoring, linear equations, and inequalities; functions and systems; and probability and statistics.
- ▶ Reading level: 7th grade
 - ▶ Placement should be driven by a formal assessment of the student's math skills
 - ▶ HS graduation Elective credit, or Math credit at discretion of placement counselor consistent with uniformly implemented local practice
 - ▶ Aligned with 2008 Math EALRs and PEs
- Mentor Use:** (by request) Mentor Manual, offered online
PASSport to Success brochure
- Student Use:** All units – calculator, Course Glossary (English/Spanish)
Unit 1 – Real Numbers student workbook
Unit 2 – Algebraic Expressions student workbook
Unit 3 – Factoring, Linear Equations, and Inequalities student workbook
Unit 4 – Functions and Systems student workbook
Unit 5 – Probability and Statistics student workbook
- Unit 1 Real Numbers**
- Natural numbers, whole numbers. Integers. Rational numbers.
 - Perfect squares. Radicals. Irrational numbers.
 - Prime and composite numbers. Fractions. Decimals. Scientific notation.
 - Properties of real numbers. Absolute value. Prime factorization. Estimation.
- Unit 2 Algebraic Expressions**
- Writing algebraic expressions. Polynomials. Combine like terms.
 - Add and subtract polynomials. Positive and negative exponents.
 - Order of operations. Evaluate algebraic expressions.
 - Multiply polynomials or binomials. Divide polynomials.
- Unit 3 Factoring, Linear Equations, and Inequalities**
- Common factors. Factoring trinomials, the difference between 2 squares.
 - One-, two-, and multi-step equations. Writing equations. Literal equations.
 - Word problems.
 - Proportions. Patterns and formulas.
 - Linear and non-linear relationships. Inequalities.
- Unit 4 Functions and Systems**
- Relations and functions. Functional notation. Graphing.
 - Slope of a line. Intercepts. Linear functions. Slope-intercept form.
 - Systems of equations: graphing. Substitution and elimination methods.
 - Graphing inequalities. Systems of inequalities. Intro to quadratic functions.
- Unit 5 Probability and Statistics**
- Independent & dependent, simple & compound, mutually exclusive and complimentary events.
 - Tree diagrams & multistage experiments. Experimental probabilities & simulations.
 - Line, stem and leaf, and scatter plots. Line of best fit.
 - Bar graphs, histograms, line graphs, pictographs. Circle graphs.
 - Measures of central tendency. Box and whisker plots. Venn diagrams.

Math 8B Foundations of Algebra & Geometry

Released 2010/11SY

Summary: Plane geometry, solving problems with coordinate geometry and circles, transformations on the coordinate plane. Measurements of two and three dimensional figures. Analysis of logic statements using deduction and induction to solve puzzles.

- ▶ Reading level: 7th grade
- ▶ Aligned with 2008 Math EALRs and PEs
- ▶ Placement should be driven by a formal assessment of the student's math skills
- ▶ HS graduation Elective credit, or Math credit at discretion of placement counselor consistent with uniformly implemented local practice

Mentor Use: (by request) Mentor Manual, offered online
PASSport to Success brochure

Student Use: All units – calculator, Course Glossary (English/Spanish)
Unit 1 – Angles student workbook
Unit 2 – Coordinate Geometry, Circles, and Graph Theory student workbook
Unit 3 – Transformational Geometry student workbook
Unit 4 – Measurement student workbook
Unit 5 – Logic student workbook

Unit 1 Angles

- Rational/irrational numbers, central tendency, exponents, scientific notation.
- Points, lines and planes. Line segments, rays and angles.
- Plane geometry, angles, transversals, triangles.
- Pythagorean Theorem, polygons.

Unit 2 Coordinate Geometry, Circles, and Graph Theory

- Quadrilaterals, parallelograms, polygons.
- Coordinate plane, slope, rates of change, midpoint, distance. Applications.
- Circles, tangents and secants. Circles and inscribed angles.
- Locus of points.

Unit 3 Transformational Geometry

- Transformations alone and in combination: reflections, rotations, dilations.
- Isometries, symmetry, congruent and similar figures. Applications.
- Tessellations with polygons.
- Intro to constructions. Triangle constructions.

Unit 4 Measurement

- Perimeter, area, and their connection.
- Area of a triangle or trapezoid.
- Classification of solids. Nets and 3-dimensional figures.
- Volume of rectangular prisms, cylinders and cones. Surface area.
- Effect of changing dimensions.
- Measurement: conversions. Estimation and accuracy.

Unit 5 Logic

- Statements and their negation. Conjunctions and disjunctions.
- Conditional statements. Converse or inverse of a statement.
- Contrapositives and logically equivalent statements.
- Biconditional statements.
- Deduction and induction. Logic puzzles: simple and advanced.

Pre-Algebra

Released 2005/06SY

Summary: Thorough review of concepts of whole numbers, fractions, decimals, measurement, ratio and proportion. Introduction to statistics, graphing numbers, and solving equations involving monomials and polynomials. Brief introduction to use of an electronic calculator.

- ▶ Reading level: 6th grade
- ▶ Available in Spanish translation
- ▶ See Mentor Manual for alignment with 2008 Math EALRs and PEs.
- ▶ Placement should be driven by a formal assessment of the student's math skills
- ▶ HS graduation Elective credit, or Math credit at discretion of placement counselor consistent with uniformly implemented local practice

Mentor Use: (by request) Mentor Manual, offered online
(by request) Mentor Kit (calculator, compass, protractor). Limit: one per PASS CP.
PASSport to Success brochure

Student Use: All units – calculator, ruler, graph paper
Unit 1 – Whole Numbers and Number Theory student workbook
Unit 2 – Fractions – Decimals and Quantitative Data student workbook
Unit 3 – Measurement; Ratio and Proportion; Statistics and Probability student wrkbk
Unit 4 – Integers, Rationals and Square Roots student workbook
Unit 5 – Polynomials student workbook

Unit 1 Whole Numbers and Number Theory

- Add, subtract, multiply and divide whole numbers
- Variables; equations; order of operations. Using a calculator.
- Factoring, using exponents, prime factoring. Number patterns.
- Greatest common factor (GCF). Least common multiple (LCM).

Unit 2 Fractions – Decimals and Quantitative Data

- Multiplying fractions by whole numbers, or by fractions
- Simplify fractions, simplify products. Add, subtract, and divide fractions.
- Working with mixed numbers, solving equations
- Add, subtract, multiply or divide numbers with decimals

Unit 3 Measurement; Ratio and Proportion; Statistics and Probability

- Length; area; capacity and weight; temperature
- Ratios and proportion; scale; similar triangles
- Percents; discounts and commission; installment credit
- Range, mean, median and mode. Probabilities and the Counting Principle

Unit 4 Integers, Rationals and Square Roots

- Integers and the number line.
- Add, subtract, multiply and divide positive and negative integers.
- Rational numbers. Simplifying. Absolute values.
- Square roots. Pythagorean Theorem.
- Graphing numbers. Find location of points on a coordinate plane.

Unit 5 Polynomials

- Algebraic expressions. Add or subtract monomials and polynomials.
- Multiply or divide monomials, then polynomials.
- Solve equations. Solve word problems.
- Simplify and factor polynomials.
- Graphing equations and inequalities

Biology A

Released 2008/09SY; Revised 2011/12SY

- Summary:** Scientific method, characteristics and chemistry of life, the cell and its components, and life at the cellular and multicellular levels. Lab based course.
- ▶ Reading level: 10th grade, with glossary support throughout
 - ▶ HS grad lab based Science credit, and university admission lab based Science CADR
 - ▶ Aligned with 2008 Science EALRs and GLEs (9-10th grades)
 - ▶ NCAA Core Course
 - ▶ Taking a State Science (Biology) End of Course exam offered in your district is required. Beginning with the class of 2015, passing it is a requirement for graduation.
- Mentor Use:** (by request) Mentor Manual, offered online
PASSport to Success brochure
- Student Use:** Unit 1 – Science Called Biology student workbook, and Unit 1 Science Kit
Unit 2 – Characteristics of Life student workbook
Unit 3 – Chemistry of Life student workbook, and Unit 3 Science Kit
Unit 4 – The Cell student workbook, and Unit 4 Science Kit
Unit 5 – Life at the Cellular...Levels student workbook, and 6' of string (provided)
- Mentor Notes:**
- Some unit tests require entry of the score from Checkoff Sheet in unit workbook
 - Supervised access to a high school science laboratory and its resources may be necessary for specific lessons.
- Unit 1 The Science Called Biology**
- The scientific method (lab). Make, organize, and analyze observations (labs)
 - Chart observations and data using line, bar, and circle graphs, and pie charts
 - Become familiar with the compound light microscope and its use (labs)
 - Define, learn and use scientific terms. Scientific forms of measurement.
 - Interview a person with a career in the biological sciences
- Unit 2 The Characteristics of Life**
- Define life in terms of its characteristics. Define, learn and use scientific terms.
 - Life properties and life activities. Eight life activities and their roles.
 - Study the eight life activities and know what role they play in keeping a living organism alive (lab). Are viruses alive?
 - Feedback systems and homeostasis in organisms.
- Unit 3 The Chemistry of Life**
- The chemical nature of life. What are living things made of?
 - The making of chemical compounds: ionic bonding, covalent bonding
 - Importance of pH (labs); difference between acids, bases, and neutral substances
 - Acid rain. Organic compounds of life (labs). Enzymes (labs).
- Unit 4 The Cell**
- Cell as basic unit of life. The cell membrane. Osmosis and diffusion (lab).
 - How cells make energy: glycolysis; the mitochondrion
 - ATP's role in releasing energy in a cell. Endoplasmic reticulum and golgi apparatus
 - Nucleus of the cell (lab). Why the cell is small. Why and how cells divide (lab)
 - Types of cells and their specialized roles
- Unit 5 Life at the Cellular and Multicellular Levels**
- Tissues, organs and organ systems. Nutrition. Transport (lab). Blood (lab).
 - Respiration. Excretion (lab). Regulation, including nervous and endocrine systems
 - Locomotion, including skeletal and muscular systems (lab)
 - Integumentary system. Human anatomy.

Biology B

Released 2011/12SY

- Summary:** Comprehensive exploration of reproduction, genetics, classification of various organisms, evolution, and ecology. Hands-on, practical applications. Lab based course.
- ▶ Reading level: 8th grade, with glossary support throughout
 - ▶ HS grad lab based Science credit, and university admission lab based Science CADR
 - ▶ Aligned with 2009 (Version 1.2) Science EALRs and PEs (9-12th grades)
 - ▶ NCAA Core Course
 - ▶ Taking a State Science (Biology) End of Course exam offered in your district is required. Beginning with the class of 2015, passing it is a requirement for graduation.
- Mentor Use:** (by request) Mentor Manual, offered online
PASSport to Success brochure
- Student Use:** Unit 1 – Reproduction student workbook (and science kit if provided)
Unit 2 – Genetics student workbook (and science kit if provided)
Unit 3 – Classification student workbook (and science kit if provided)
Unit 4 – Evolution student workbook (and science kit if provided)
Unit 5 – Ecology student workbook (and science kit if provided)
- Mentor Notes:**
- Some unit tests require entry of the score from Checkoff Sheet in unit workbook
 - Supervised access to a high school science laboratory and its resources may be necessary for specific lessons.
- Unit 1 Reproduction**
- Asexual versus sexual reproduction. Sexual reproduction in plants
 - Investigate a typical flower. Plant growth. Seed and plant development.
 - Male and female reproductive systems. Development and embryology.
 - Reproductive technology
- Unit 2 Genetics**
- How genetics make us each unique. Determining phenotypes.
 - Asexual reproduction. Sexual reproduction and meiosis.
 - Components of DNA. Constructing a DNA model. Genes to proteins.
 - DNA mutations.
 - Genetic engineering
- Unit 3 Classification**
- Why needed. Biological classification. Principles of taxonomy.
 - Use a classification key. Classify trees from their leaves. Animal classification.
 - Biosystematics: evidences of relationship. Are the wolf and dog members of the same species?
 - Modern classification: problem solving
- Unit 4 Evolution**
- Evidence from fossils. Evidence of change over time.
 - Finches: comparative similarities. Constructing a Cladogram
 - Modern evolution. Natural selection of alleles.
 - Mechanisms of change: The Peppered Moth and survival of the fittest.
 - Path of humans
- Unit 5 Ecology**
- Levels of organization. Biodiversity, ecological succession
 - Ecosystem in a bottle. Ecosystem damage. Saving a habitat. Energy systems.
 - Competition in communities. Cycling of ecosystem materials. Limits to growth.
 - Human impact. Dangers to the ecosystem.

Environmental Science A

Released 2008/09SY

- Summary:** Ecosystem structure and function, natural populations, biomes and human populations. Numerous labs and hands-on activities. Careers in environmental science.
- ▶ Reading level: 10th grade, with scientific terminology defined throughout
 - ▶ HS grad lab based Science credit, and university admission lab based Science CADR
 - ▶ Aligned with 2005 Science EALRs and GLEs
 - ▶ NCAA Core Course
- Mentor Use:** (by request) Mentor Manual, offered online
PASSport to Success brochure
- Student Use:** Unit 1 – Ecosystem Structure student workbook
Unit 2 – Ecosystem Function student workbook
Unit 3 – Natural Populations student workbook
Unit 4 – Biomes student workbook
Unit 5 – Human Populations student workbook
- Mentor Notes:**
- Each unit test requires entry of score from Check Off Sheet in that unit workbk.
 - Supervised access to a high school science laboratory and its resources is necessary for specific lessons. Review student workbook before it is assigned.
 - See included list of locally provided materials needed by student.

Unit 1 Ecosystem Structure

- The Biosphere. What is an Ecosystem? Investigate your ecosystem.
- Assemble land and aquatic ecosystems to study. Importance of biodiversity.
- Who's eating whom? Identifying ecosystem roles. The web of life.
- Energy – where does it go? Energy pyramids and trophic levels
- Exxon Valdez oil spill; impact on land and aquatic ecosystems

Unit 2 Ecosystem Function

- Sunlight and photosynthesis. Energy flow. Energy pyramids. Symbiosis.
- Renewable versus non-renewable resources
- Natural cycles. Carbon and oxygen cycles. Water and nitrogen cycles
- Competition and succession (field experiment)

Unit 3 Natural Populations

- Review nutritional relationships
- Local ecosystem populations. Ecosystem impact from food web changes
- Estimating population size: the Lincoln Index. Carrying capacity of an ecosystem
- Interpreting population data. Deer populations on Arizona's Kaibab Plateau
- Natural selection. Introduced species. Invasive species. Reintroduction programs.

Unit 4 Biomes

- Definition and classification of biomes
- Rainforests, temperate deciduous forest
- Taiga/Coniferous forest, desert, tundra, grasslands
- Freshwater, wetlands, marine, biome adaptations

Unit 5 Human Populations

- World populations: numbers, trends, and reasons for growth
- Predictions on consequences of continued growth
- Population comparisons: developed versus developing nations
- Personal study of caloric consumption. Feeding a growing global population.
- Space concerns and energy use. Shared global resources. Sustainability.
- Graphing population growth. Factors influencing population growth

Environmental Science B

Released 2008/09SY

- Summary:** Study of energy, the atmosphere, water, and land, as well as an analysis of the past, present and future of the Environmental Movement. Numerous labs and hands-on activities. Careers in environmental science.
- ▶ Reading level: 10th grade, with scientific terminology defined throughout
 - ▶ HS grad lab based Science credit, and university admission lab based Science CADR
 - ▶ Aligned with 2005 Science EALRs and GLEs
 - ▶ NCAA Core Course
- Mentor Use:** (by request) Mentor Manual, offered online
(by request) Mentor Kit (dominoes, stopwatch, thermometers). One kit per PASS CP. PASSport to Success brochure
- Student Use:** Unit 1 – Energy student workbook
Unit 2 – The Atmosphere student workbook, and Unit 2 Science Kit
Unit 3 – Water student workbook, and Unit 3 Science Kit
Unit 4 – Land student workbook, and Unit 4 Science Kit
Unit 5 – Past, Present, Future student workbook
- Mentor Notes:**
- Each unit test requires entry of score from Check Off Sheet in that unit workbk
 - Supervised access to a high school science laboratory and its resources is necessary for specific lessons. Review student workbook before it is assigned.
 - See included list of locally provided materials needed by student.
- Unit 1 Energy**
- Fossil fuel – oil, coal and natural gas. To drill or not to drill?
 - Solar energy, wind power, hydroelectric power, nuclear power
 - Geothermal and tidal power
 - Biomass. Energy use at home. Hydrogen.
- Unit 2 The Atmosphere**
- Air pressure. What is air pollution? Acid rain and its effects.
 - Global warming. Ground level ozone. The Ozone Layer – stratospheric ozone.
 - Environmental issues – global or local?
 - Noise pollution. Air pollution control.
- Unit 3 Water**
- Water pollution. Sediment pollution. Groundwater pollution.
 - Plant nutrients
 - Toxic waste. Municipal solid waste (MSW). Thermal pollution.
 - Water treatment facilities, sewage treatment
- Unit 4 Land**
- Overview of environmental hazards, with focus on land
 - Municipal solid waste (MSW). Reducing solid waste.
 - Hazardous chemicals, with focus on pesticides. Biomagnification.
 - Alternate pest control – natural methods
 - Environmental crises: Love Canal. Dioxins.
 - EPA and national priority listings
- Unit 5 Past, Present, Future**
- Environmental movement. Value of biodiversity. Urban sprawl.
 - Invasive non-native species. Habitat restoration – you and your community
 - Rachel Carson – someone who made a difference
 - Costs and benefits of environmental protection. Major environmental laws.
 - Careers in environmental science

Integrated Earth and Space Science Released 2002/03SY

- Summary:** Practical approach to study of earth and space science with emphasis on hands-on experimentation.
- ▶ Reading level: 8th grade
 - ▶ NOTE: Available only in Spanish translation, and only while supplies last
 - ▶ HS grad lab based Science credit, and university admission lab based Science CADR
 - ▶ Aligned with Science EALRs
 - ▶ NCAA Core Course
- Mentor Use:** Teachers edition, Sci Links Bks 4, 5, 7 and 9. Limit: 1 set per PASS CP.
Mentor Kit: Un 3 slinky, Units 3,5 stopwatch. Limit: one kit per PASS CP.
(by request) Mentor Manual, offered online
PASSport to Success brochure
- Student Use:** All units – supplemental textbook in Spanish
Unit 1 – Scientific Process & The Water Cycle student workbook, Science Skills Handbook (Alldred & Haberer) not provided (out of print), Science Kit I
Unit 2 – Volcanoes & Earthquakes student workbook, Sci Links Bk 5, Science Kit II
Unit 3 – Waves/Sound/Light student workbook, Sci Links Bk 7, Science Kit III
Unit 4 – Electricity & Magnetism student workbook, Sci Links Bk 4, Science Kit IV
Unit 5 – Principles of Flight student workbook, Sci Links Bk 9, Science Kit V
- Mentor Notes:**
- Student has access to unit workbook while taking the online test.
 - Student textbooks must be retained and reused. Limit: 5 sets per PASS CP.
 - Each unit test requires entry of score from Check Off Sheet in that unit workbk.
 - Supervised access to a high school science laboratory and its resources is necessary for specific lessons. Review student workbook before it is assigned.
 - See included list of locally provided materials needed by student.
- Unit 1 Scientific Process and the Water Cycle**
- General principles of the water cycle. Qualitative and quantitative data.
 - Predictions and hypotheses. Variables and controls.
 - Graph data, interpret graphs. Need for conclusions & reflection.
- Unit 2 Volcanoes and Earthquakes**
- General structure of the Earth’s interior. Tectonic plates and their movement.
 - How volcanoes are formed. Earthquakes and tectonic plate movement.
 - Structural stability in terms of earthquake effects.
- Unit 3 Waves, Sound and Light**
- Waves transfer energy, not material. Amplitude of wave as indication of its energy.
 - Speed, frequency, and wavelength of waves. Waves interfere with each other.
 - Waves & speed in a medium. Speed affected by material through which it travels.
 - Frequency & wavelength of a wave inversely related.
 - Longitudinal sound waves, transverse light waves. Light travels faster than sound.
- Unit 4 Electricity and Magnetism**
- Types of electrical charge. Behavior of charged and uncharged objects
 - Electrical charge in relation to atomic structure, and in terms of electron flow.
 - Relationship between current, voltage and resistance. Series and parallel circuits.
 - Factors that affect electrical and magnetic force. Similarities and differences.
- Unit 5 Principles of Flight**
- Similarities of birds and airplanes. Airflow produces pressure differences.
 - The four forces involved in flying. How Newton’s Laws relate to flight.
 - How free fall, speed, and terminal velocity are related
 - The basic factors involved in the design of a wing

Integrated Life Science

Released 2002/03SY

- Summary:** Practical approach to study of life science with emphasis on hands-on experimentation.
 ► Reading level: 8th grade
 ► **NOTE: Available only in Spanish translation, and only while supplies last**
 ► HS grad lab based Science credit, and university admission lab based Science CADR
 ► Aligned with Science EALRs
 ► NCAA Core Course
- Mentor Use:** Teachers edition, Sci Links Bks 6, 8, 12 and 13. Limit: 1 set per PASS CP.
 Mentor Kit: Un 2 spring scale. Limit: one kit per PASS CP.
 (by request) Mentor Manual, offered online
 PASSport to Success brochure
- Student Use:** All units -- supplemental textbook in Spanish
 Unit 1 – Plant Growth student workbook, Science Skills Handbook (Alldred & Haberer) not provided (out of print), Science Kit I
 Unit 2 – The Universe student workbook, Sci Links Bk 13, Science Kit II
 Unit 3 – It’s In the Family student workbook, Sci Links Bk 6, Science Kit III
 Unit 4 – The History of Life student workbook, Sci Links Bk 8, Science Kit IV
 Unit 5 – Humanity’s Effect on Environment student wkbk, Sci Links Bk 12, Sci Kit V
- Mentor Notes:**
- Student has access to unit workbook while taking the online test.
 - Student textbooks must be retained and reused. Limit: 5 sets per PASS CP.
 - Each unit test requires entry of score from Check Off Sheet in that unit workbk.
 - Supervised access to a high school science laboratory and its resources is necessary for specific lessons. Review student workbook before it is assigned.
 - Un 1 Lab 1 takes 7 days to complete. All others take 1 hr or less to complete.
 - See included list of locally provided materials needed by student.
- Unit 1 Plant Growth**
- General principles of plant growth. Factors affecting plant growth.
 - Use and value of predictions and hypotheses.
 - Qualitative and quantitative data. Variables and controls.
 - How to graph data and interpret graphs. Need for conclusions and reflection.
- Unit 2 The Universe**
- Relationship between mass, weight and gravity
 - Factors in strength of gravitational force. Gravitational force and our solar system.
 - Current models of the universe. The Big Bang Theory.
 - Interpret graphical representations of gravity and galaxies in the universe
- Unit 3 It’s in the Family**
- Variation among organisms. Simple inheritance using Mendelian principles.
 - DNA structure and function. The gene-protein relationship.
 - Changes in genes (DNA) and the resulting effects.
 - DNA fingerprinting and genetic engineering applications
- Unit 4 The History of Life**
- One theory on origins of life. How life forms changed and developed.
 - Adaptation to life out of water. Factors that can cause extinction.
 - Survival requires change. How Earth events caused organisms to change
- Unit 5 Humanity’s Effect on the Environment**
- Factors that affect population growth. Interpret population growth graphs.
 - Effects of alien species on an ecosystem, of acid rain on the environment.
 - Effects of rainfall and drought on populations. Achieving balance in nature.

Civic Involvement CBA

Released 2008/09SY

Summary: Closely aligned with OSPI requirements and recommendations, these two units offer options through which a migrant student may complete the 11th-12th grade Social Studies Classroom Based Assessment requirement.

- ▶ Reading level: 10th grade, with detailed definitions throughout
- ▶ HS graduation 11th or 12th grade Social Studies CBA (Constitutional Issues)
- ▶ HS graduation Electives or Social Studies credit at local discretion (max .2 credit)
- ▶ Aligned with 2008 Social Studies EALRs and GLEs and OSPI Recommendations

In conjunction with a social studies course (such as U.S. History, American Government, etc.), the units may be completed separately or in combination.

- **Unit 1** supports independent study culminating with a research paper on a public problem or issue with constitutional implications.
- **Unit 2** supports a hands-on experience in civic involvement through participation in a LEAP Conference, the CLOSE UP program in Washington D.C., or a similar civic involvement activity at the local, state or national level. Following research, this unit culminates with a verbal presentation on how the checks and balances system functioned in an historic event related to an issue with constitutional implications.

Mentor Use: (by request) Mentor Manual, offered online
PASSport to Success brochure

Student Use: Unit 1 – Constitutional Issues student workbook
Unit 2 – Checks and Balances student workbook

Mentor Note: These are competency based projects which result in authentic assessments scored by a certificated teacher in the student's local school using the OSPI approved rubric provided. The resulting local score is then entered in the PASS database by the PASS Contact Person through the online testing process. Credit is issued and transcribed by Sunnyside High School, Washington.

Unit 1 Constitutional Issues

- Select a public problem or issue with constitutional implications
- Conduct research, formally acknowledging sources. Evaluate credibility & bias.
- Identify, review, and reference a pertinent foundation document
- Research and reference a Supreme Court or Federal Dist. Court decision on the issue
- Develop a thesis and an outline
- Prepare a research paper, balancing individual rights and the common good
- Demonstrate respect for intellectual property by formally acknowledging sources

Unit 2 Checks and Balances

- Select a public problem or issue with constitutional implications
- Conduct research, formally acknowledging sources. May include participation in a LEAP Conference, Close-Up Program, or similar civic involvement activity.
- Discover how the U.S. system of checks and balances functioned during an historic event closely related to the issue or problem
- Decide if this event resulted in enhanced power for any branch of government
- Take a position on the issue or problem
- Locate, assess credibility and bias of, and evaluate alternate viewpoints
- *(optional)* Read and listen to six famous historic speeches by Dr. Martin Luther King, Jr., President John F. Kennedy, President Ronald Reagan, New York Governor Mario Cuomo, and Speaker of the House Newt Gingrich. Evaluate content and public speaking style.
- Prepare and deliver a 5 to 6 minute presentation about the checks and balances system, and express and defend a position on the issue or problem

Contemporary World Problems

Released 2006/07SY

- Summary:** Contemporary social and political issues, including political and economic transformation in Mexico, protection of the environment, international conflicts, the Middle East, and international terrorism.
- ▶ Reading level: 8th grade
 - ▶ HS grad lab Social Studies credit, and university admission Social Studies CADR
 - ▶ Aligned with Social Studies EALRs
 - ▶ NCAA Core Course
- Mentor Use:** (by request) Mentor Manual, offered online
PASSport to Success brochure
- Student Use:** All units – Internet Resource Guide
Unit 1 – Mexico at Crossroads student workbook, text Caught Between Two Worlds
Unit 2 – The Environment student workbook, text Global Environmental Problems
Unit 3 – Intn’l Conflicts student workbook, text Keeping the Peace in Age of Conflict
Unit 4 – Middle East student workbook, text Shifting Sands...
Unit 5 – Responding to Terrorism student workbook, text Challenges for Democracy
- Unit 1 Mexico at the Crossroads**
- Mexico’s transformations. Violent birth. From New Spain to Mexico.
 - Clash with the United States. Liberals and conservatives.
 - Land and liberty, order to chaos.
 - Economy after WW II. Free market revolution.
 - Politics and economics collide.
 - Economic crisis of the 1990s.
 - The challenges ahead. Economic change. Volcanic rumblings.
- Unit 2 The Environment**
- Climate change and ozone depletion. Water pollution, deforestation, biodiversity.
 - Environment and economic development. Energy resources and consumption.
 - Newly industrializing countries.
 - International agenda. From Rio to Kyoto.
 - Johannesburg Summit.
 - Determining U.S. policy, debating government's role.
- Unit 3 International Conflicts**
- Challenges to peacekeeping, changing role
 - The United Nations
 - U.S. role in intervention
 - Congo, Cyprus, South Africa, East Timor
 - Post Cold War
 - Violence in Kosovo, Northern Iraq, Haiti, Rwanda and Burundi
- Unit 4 Middle East**
- U.S. and the Middle East. The Holy Land. Politics of oil.
 - Cold War in the Middle East. U.S. support for Israel. Groundwork for peace.
 - Iranian Revolution and Iran-Iraq War. Weighing U.S. priorities.
 - New elections and the peace process. Regional security.
- Unit 5 Responding to Terrorism**
- Origins of terrorism and motivations of religious terrorists.
 - Cases of religiously-inspired terror. Al Qaeda and September 11th.
 - Concern about political Islam. U.S. in the Middle East. Responding to terrorism.
 - Middle Eastern States of most concern. U.S. policy. Domestic security.

Economics

Released 2004/05SY

Summary: Introduces student to the dynamic world of business, money, supply and demand, and international trade. Highly recommended for a student planning a career in business.

- ▶ Reading level: 8th grade
- ▶ HS grad Elective credit, and university admission Social Studies CADR
- ▶ Aligned with Social Studies EALRs
- ▶ NCAA Core Course

Mentor Use: (by request) Mentor Manual, offered online
PASSport to Success brochure

Student Use: All units – calculator (also available to student during unit tests)
Unit 1 – Fundamentals of Economics student workbook
Unit 2 – Supply and Demand student workbook
Unit 3 – Economic Structures and the Government student workbook
Unit 4 – Employment and Money student workbook
Unit 5 – Global Economics student workbook

Unit 1 Fundamentals of Economics

- Introduction to economics. Reading graphs.
- Macro- and microeconomics
- Scarcity and resources. Scarce means of production.
- Business organizations
- Economic systems: traditional, command, and market.

Unit 2 Supply and Demand

- Demand. Utility. Elasticity and its determinants. Exception to Law of Demand
- Supply. Price. Prices and the government. Price system at work.
- The Theory of Production
- Supply and cost. Short run vs. long run.

Unit 3 Economic Structures and the Government

- Market structures: perfect competition, monopoly and oligopoly.
- Price determination. Economic role of government.
- Stabilizing the economy
- Economic role of government. Government revenue and spending.
- Measuring economic performance. Business cycle and inflation.

Unit 4 Employment and Money

- Employment. Reading graphs. Labor unions. Labor trends.
- Wages and income. Money. Budgeting. Banking.
- Saving and investing
- Monetary policy

Unit 5 Global Economics

- International trade. Trade balance. Trade barriers. Free trade.
- Financing trade
- Economic systems
- A global view of the U.S. economy
- Economic development
- Global economic concerns

U.S. Government

Released 2004/05SY; Revised 2010/11SY

- Summary:** Active participation in American government is encouraged through study of government foundations, the branches and forms of government, and politics and people.
- ▶ Reading level: 8th grade
 - ▶ Available in Spanish translation
 - ▶ HS grad Social Studies credit, and university admission Social Studies CADR
 - ▶ Aligned with 2008 Social Studies EALRs and GLEs (8-12th grades)
 - ▶ NCAA Core Course
- Mentor Use:** (by request) Mentor Manual, offered online
PASSport to Success brochure
- Student Use:** Unit 1 – Birth of American Democracy student workbook
Unit 2 – U.S. Constitution student workbook
Unit 3 – Separation of Powers student workbook
Unit 4 – Citizenship and Politics student workbook
Unit 5 – Public Policy student workbook

Unit 1 Birth of American Democracy

- Purpose for and basis for government. Types of government.
- Government in the Colonies. The American resistance.
- The First Continental Congress. The Second Continental Congress.
- Independence. A new system of government. Important compromises.
- Road to ratification. New government begins.

Unit 2 U.S. Constitution

- Structure and purpose of the Constitution
- Study each of the first 7 Articles to the U.S. Constitution individually
- The Bill of Rights. Constitutional amendment process. Amendments 11-27.
- A study of the First Amendment. The nation's symbols. You make the laws.

Unit 3 Separation of Powers

- Separation of powers
- Legislative branch: local, state and Federal levels
- Executive branch: local, state and Federal levels. Electing the Presidential ticket.
- Judicial branch: Court system. Federal courts. Supreme Court decisions.

Unit 4 Citizenship and Politics

- Citizenship. Responsibilities of citizens.
- History of voting. The voting process.
- Lobbying. Influencing the government.
- Paying for the government. Types of taxes.
- Political parties, political influences

Unit 5 Public Policy

- Civics activities. Public opinion. Politics and demographics.
- United States economy. Case study: Microsoft Corporation.
- Domestic policy: Social programs, and other public services.
- Global economy. Case study: World Trade Organization
- U.S. foreign policy: history, powers and purpose. The United Nations.

U.S. History A

Released 2002/03SY; Revised 2010/11 SY

- Summary:** Facts and principles that rest at the foundation of the United States as a nation. Covers the nation's origins through the period of the Civil War and Reconstruction. Internet access recommended, not required.
- ▶ Reading level: 8th grade
 - ▶ Available in Spanish. See Mentor Note re availability in Russian translation.
 - ▶ HS grad Social Studies credit, and university admission Social Studies CADR
 - ▶ Aligned with 2008 Social Studies EALRs and GLEs
 - ▶ NCAA Core Course
- Mentor Use:** (by request) Mentor Manual, offered online
PASSport to Success brochure
- Student Use:** Unit 1 – Early America student workbook
Unit 2 – Creating a New Nation student workbook
Unit 3 – The New Government student workbook
Unit 4 – Expansionism student workbook
Unit 5 – Civil War and Reconstruction (1850-1877) student workbook
- Mentor Note:** The 2002/03 version of the course is available in Russian translation. Russian dialects vary by region. Order course preview of US Hist A (Russian translation) (Form B-1) and verify appropriateness for student prior to formal enrollment.

Unit 1 Early America

- The first Americans. Early American civilizations.
- Explorers. Spanish and English colonies. Pilgrims and Puritans
- Differences and similarities: New England, the Middle and Southern colonies
- Slavery

Unit 2 Creating a New Nation

- Colonial America. French and Indian War. Struggles with the British.
- Rebellion, the Townsend Acts and the Coercive Acts
- Philadelphia Convention. Revolution and independence.

Unit 3 The New Government

- Foundations of the early government. Ratification. Purpose of government.
- George Washington. A new nation. Advent of political parties.
- Judicial review. Constitution and Bill of Rights. U.S. government.
- The Electoral College

Unit 4 Expansionism

- The early 1800's. Lewis and Clark Expedition. The War of 1812.
- The American System. Jacksonian Democracy. Financial policies.
- Growth and the Industrial Revolution. Age of Reform. Western expansion.

Unit 5 Civil War and Reconstruction

- A growing rift. Dred Scott Decision.
- Illinois Senatorial election. John Brown. Election of 1860. Secession.
- The Devastating War
- Emancipation Proclamation
- The Crucial Period
- End of war. Reconstruction Period

U.S. History B

Released 2002/03SY; Revised 2010/11 SY

- Summary:** Facts and principles that rest at the foundation of the United States as a nation. Covers the nation's origins following the Civil War to 2010. Internet access recommended, not required.
- ▶ Reading level: 8th grade
 - ▶ Available in Spanish translation
 - ▶ HS grad Social Studies credit, and university admission Social Studies CADR
 - ▶ Aligned with 2008 Social Studies EALRs and GLEs
 - ▶ NCAA Core Course
- Mentor Use:** (by request) Mentor Manual, offered online
PASSport to Success brochure
- Student Use:** Unit 1 – New Frontiers student workbook
Unit 2 – Gilded Age and Progressivism student workbook
Unit 3 – Century of Change student workbook
Unit 4 – World War II and the Cold War student workbook
Unit 5 – Modern America student workbook
- Mentor Note:** Passing the Social Studies Constitutional Issues (Civic Involvement) Classroom Based Assessment offered at your high school is a requirement for Washington graduation. It may be part of this course there. If so, please discuss with the class teacher how your PASS student can complete the requirement. PASS offers the CBA.

Unit 1 New Frontiers

- Native Americans. Reform programs. Western migration.
- Environmental changes. Railroads. New Innovations.
- Industrialists. Workers unite. Populism.

Unit 2 The Gilded Age and Progressivism

- Corruption and politics, political reform. Reform movements.
- Urban growth, life in the city. Poverty and other urban problems.
- Education. Jim Crow. International expansion
- Spanish-American War. A world power.
- Progressivism. Progressive reforms by the government.

Unit 3 The Century of Change

- The Election of 1912
- Causes of World War I. American neutrality. United States at war.
- League of Nations. Red Scare.
- Warren Harding. The 1920's. Technology of the 1920's. Social change.
- The Great Depression and its causes. The Roosevelts. The New Deal.

Unit 4 World War II and the Cold War

- Causes of World War II. The War begins. Pearl Harbor.
- World War II. The war in the Pacific. The war and ethnicity.
- The Holocaust. Japanese Americans. Results of World War II.
- Yalta and Potsdam. The Cold War. The Forgotten War.
- Postwar economy. Communism versus capitalism. The Red Scare.

Unit 5 Modern America

- Kennedy administration. The Great Society. Chief Justice Warren.
- Civil Rights Movement. More civil rights challenges. Reform movements.
- The Vietnam War. The War at home. The Nixon White House.
- U.S. Presidents since Kennedy. Modern trends

Washington State History and Government

Released 2010-11 SY

Summary: Geology, geography, natural resources and climate of Washington. Culture, history and government of American Indian first inhabitants. Early European exploration and settlement. Statehood. Federal and state constitutions compared. Structure of state and local governments. Law making. Balance of power. Election process. Government involvement by residents. Historic and current state economy.

- ▶ Reading level: 10th grade (with extensive glossary and in-text support throughout)
- ▶ Available in Spanish translation by mid-Fall 2011
- ▶ HS grad Social Studies credit, and university admission Social Studies CADR
- ▶ Aligned with 2008 Social Studies EALRs and GLEs (7-12th grades)
- ▶ NCAA Core Course

Note: With the Principal's approval, Unit 5 may be completed in satisfaction of RCW 28A.230.170 by a student who completed and passed a state history and government course in another state in 7th-10th grade prior to moving to Washington. See WAC 180-51-061[1][d].

Mentor Use: (by request) Mentor Manual, offered online
PASSport to Success brochure

Student Use: All units: Washington State map
Unit 1 – Washington's Geological and Human Migrant Eras student workbook
Unit 2 – Washington Territory 1853-1889 student workbook
Unit 3 – Early Statehood Years 1889-1939 student workbook
Unit 4 – WWII and Cold War Years 1939-1999 student workbook
Unit 5 – 21st Century Washington 2000-Present student workbook

Unit 1 Washington's Geological and Human Migrant Eras

- Geologic history. Plate tectonics. Volcanoes. Glacial erosion.
- Rain shadow effect. Fissures and basalt floods. Ice Age floods.
- Geographic regions: climate, soil and vegetation, population, economy
- Coastal and plateau Indian cultures contrasted: government, social organization, child rearing, diet, shelter and clothing, ceremonies and customs, transportation, economic activities, trade and commerce
- European exploration. Lewis & Clark. Fur trade. Missionaries. Oregon Trail.

Unit 2 Washington Territory 1853-1889

- Boundary disputes. Territorial government. Indian treaties and wars.
- Agriculture, mining, timber, seafood and shipbuilding industries.
- Migration, immigration, and discrimination. Constitution. Statehood.

Unit 3 Early Statehood Years 1889-1939

- Industrialization and growth of labor unions. Gold rush and mining.
- Populist and Progressive Reform Movements. Impact of World War I.
- Recessions and the Great Depression. Impact of New Deal Programs.

Unit 4 WWII and Cold War Years 1939-1999

- Dams and fishing rights. Impact of World War II. Japanese internment.
- Korean War. Cold War. TV, home front unrest and Vietnam War.
- Workers unite: labor unions, strikes. Baby boomers. U.S. Presidents.

Unit 5 21st Century Washington 2000 - Present

- Demographic trends and patterns. Industries and diversified economy.
- U.S. and State Constitutions and balance of power contrasted. Law making.
- County and local government structures. Voter participation in government.

World Geography

Released 2008/09SY

Coming soon: World Geography A and B

Summary: Study of people and places at local, regional, national and international levels. Relationships among people, topography, climate and natural resources in political and geographic regions. Population, economic, and environmental challenges.

- ▶ Reading level: 10th grade, with glossary support throughout
- ▶ Available in Spanish translation
- ▶ HS grad Elective or Social Studies credit, and univ admission Social Studies CADR
- ▶ Aligned with 2008 Social Studies EALRs and GLEs
- ▶ NCAA Core Course

Mentor Use: (by request) Mentor Manual, offered online
PASSport to Success brochure

Student Use: All units: World Atlas, Internet Resources Guide, 12" ruler
Unit 1 – Introduction to the Study of Geography student workbook
Unit 2 – Geography Skills student workbook
Unit 3 – North and South America student workbook
Unit 4 – Europe, Africa and the Middle East student workbook
Unit 5 – Asia and the Pacific Region student workbook

Unit 1 Introduction to the Study of Geography

- Why study geography? • Areas of specialization. Careers in geography.
- Five themes of geography. The global viewpoint.
- Geographers' methods
- Study of people's interaction with natural environment and its resources
- Confronting human dilemmas of a rapidly growing human population
- Helping to anticipate and prepare for natural disasters

Unit 2 Geography Skills

- Identifying location: parallels of latitude, meridians of longitude
- Characteristics of maps: projections, scale, content, key and grid
- Political, physical, population, rainfall and temperature maps
- Map skills: using directions to locate places, importance of scale, value of legends
- Physical and cultural regions
- Physical characteristics shaped by interactions of tectonic plates and climate
- Geographic forms: land and water forms defined
- Human cultures as adaptations to environment and change
- Process of enculturation; role of institutions
- Language and language families
- Belief systems: major religions from Asia and the Middle East
- Political systems: autocracy, oligarchy, democracy
- Economic systems: capitalism, democratic socialism, and communism

Unit 3 North and South America

Climate, topography, cultural diversity, natural resources, governments and challenges of countries in the North and South American Continents, and the Caribbean Islands.

Unit 4 Europe, Africa and the Middle East

Climate, topography, cultural diversity, natural resources, governments and challenges of Northern, Western, Mediterranean and Eastern Europe, Northern Eurasia, Southwest Asia and the African Continent.

Unit 5 Asia and the Pacific Region

Climate, topography, cultural diversity, natural resources, governments and challenges of the Asia and the Pacific Region, including Japan, New Zealand and Australia. Includes nations currently in the news: China, Afghanistan, Pakistan, North and South Korea.

World History A

Released 2008/09SY

Summary: History of human development from the dawn of civilization through the rise and fall of nations about 1800. Workbook activities require writing and analysis of world events.
▶ Reading level: 10th grade, with glossary support throughout
▶ HS grad Elective or Social Studies credit, and univ admission Social Studies CADR
▶ Aligned with 2004 Social Studies EALRs and GLEs (9-10th grades)
▶ NCAA Core Course

Mentor Use: (by request) Mentor Manual, offered online
PASSport to Success brochure

Student Use: Unit 1 – Early Times student workbook
Unit 2 – Roots of Western Culture student workbook
Unit 3 – Africa and the New World student workbook
Unit 4 – Middle East, India, East Asia and Beyond student workbook
Unit 5 – World in Revolution student workbook

Unit 1 Early Times

- Pre-Historical theories – human development
- Ancient civilizations
- Empires
- The Crusades
- Birth of modern day world religions

Unit 2 Roots of Western Culture (1400-1800)

- Age of Exploration
- European Renaissance
- Reformation, religious persecution and religious wars
- Changes in government
- The Scientific Revolution
- The Enlightenment
- Cultural and societal changes
- Changing European economy

Unit 3 Africa and the New World

- Impact of the Spanish in Latin America
- Native people of North America
- Settlers in the New World
- Vulnerable territories
- Slave trade
- Columbian Exchange
- Imperialism and colonization

Unit 4 The Middle East, India, East Asia and Beyond (1400-1800)

- Islamic empires
- British influence
- Asian dynasties
- Imperialism
- The Russian empire
- Clash of cultures
- The Land Down Under

Unit 5 The World in Revolution

- Prelude to revolutions
- Napoleonic Era
- Revolutions for freedom
- Industrial Revolution and economic growth
- Effects of imperialism

World History B

Released 2008/09SY

- Summary:** History of human development from about 1800 to 2008. Workbook activities require writing and analysis of world events.
- ▶ Reading level: 10th grade, with glossary support throughout
 - ▶ HS grad Elective or Social Studies credit, and univ admission Social Studies CADR
 - ▶ Aligned with 2004 Social Studies EALRs and GLEs (9-10th grades)
 - ▶ NCAA Core Course
- Mentor Use:** (by request) Mentor Manual, offered online
PASSport to Success brochure
- Student Use:** Unit 1 – War and Revolution student workbook
Unit 2 – World at War and the Restructuring of the Post-War World student workbk
Unit 3 – Revolutions: The Colonies Become New Nations student workbook
Unit 4 – The Modern World student workbook
Unit 5 – Current Global Issues student workbook
- Unit 1 War and Revolution**
- Nationalism: A force for change. Genocide in Armenia.
 - Long-Term cause of World War I. Assassination and the War
 - World War I - the Great War. A global conflict. Legacy of war. Flawed peace.
 - Revolutions in Czarist Russia. Communism in the Soviet Union. Stalin.
 - Worldwide depression. The western democracies between the wars.
- Unit 2 World at War and the Restructuring of the Post-War World**
- Revolution and nationalism. Rise of fascism in Europe
 - Aggression and war in Asia, and in Europe.
 - World War II in Europe, and in the Pacific. Allied victory. The atom bomb.
 - The holocaust. The cost of war and justice.
 - Rebuilding Germany and Japan.
 - From World War to Cold War. A bi-polar world.
- Unit 3 Revolutions: The Colonies Become New Nations**
- Communist revolution in China. New nations in Africa.
 - Cold War hot spots: Korea, Vietnam. Genocide in Cambodia.
 - Southeast Asian nations gain independence. Independence and partition in India.
 - Conflict in the Middle East. Struggles in Central Asia: Afghanistan.
 - Revolution and Communism in Cuba and Nicaragua
 - Struggles in Latin America: Repressive governments
 - Human rights violations in the 20th Century
- Unit 4 The Modern World**
- Reform and change in Communist China
 - Southeast Asia and the Pacific Rim. Emerging powers.
 - Apartheid in South Africa
 - The Persian Gulf Wars. Islamic fundamentalism in Iran. Middle East tension today.
 - The Cold War thaws. Fall of the Soviet Empire.
 - Revolution and change in Eastern Europe. Genocide in Yugoslavia.
 - Forces shaping modern Latin America
- Unit 5 Current Global Issues**
- Cultural diffusion – A global community. Impact of science and technology.
 - Global economic development: Haves vs. the Have-Nots
 - The environment. Health issues. Drug trafficking.
 - International terrorism. Nuclear proliferation. The United Nations.
 - Human rights issues in Africa, and in modern China. Status of women.
 - Patterns of global migration

My School's Course Articulation

	This Local Course	Same as PASS Course
Art	_____	Color and Design
English	_____	Creative Writing
	_____	English IA
	_____	English IB
	_____	English IIA
	_____	English IIB
	_____	English IIIA
	_____	English IIIB
	_____	English IVA
	_____	English IVB
	_____	Learning English Through Literature
	_____	Preparing for College
	_____	You and the News
Health	_____	Health and Fitness
Math	_____	General Math A
	_____	General Math B
	_____	Consumer Math
	_____	Pre-Algebra
	_____	Math 8A
	_____	Math 8B
	_____	Algebra IA
	_____	Algebra IB
	_____	Geometry A
	_____	Geometry B
	_____	Algebra IIA
	_____	Algebra IIB
Science	_____	Biology A
	_____	Biology B
	_____	Environmental Science A
	_____	Environmental Science B
	_____	Int. Earth & Space Science (Spanish)
	_____	Int. Life Science (Spanish)
Social Studies	_____	Civic Involvement CBA
	_____	Contemporary World Problems
	_____	Economics
	_____	U.S. Government
	_____	U.S. History A
	_____	U.S. History B
	_____	Washington State History & Gov't.
	_____	World Geography
	_____	World History A
	_____	World History B
Culminating Project	_____	Four P's: Plan, Pathway, Portfolio, Project

Placement Resource for Secondary School Counselors
PASS & Washington State High School Graduation Requirements

Graduation Requirement	Washington State PASS Course	Translations Offered	Reading Level	Alignment		Univ Admission CADR	NCAA Core Course
				EALRs	GLE/PEs		
English	Creative Writing		7	Yes		English	Yes
	English IA		7	Yes	Yes	English	Yes
	English IB		7	Yes		English	Yes
	English IIA		8	Yes	Yes	English	Yes
	English IIB		8	Yes		English	Yes
	English IIIA		8	Yes		English	Yes
	English IIIB		8	Yes		English	Yes
	English IVA		8	Yes		English	Yes
English IVB		8	Yes		English	Yes	
Lrng English Thru Literature			5	Yes		English (ESL)	
Math	Algebra IA	Spanish	8	Yes	Yes	Math	Yes
	Algebra IB	Spanish	8	Yes	Yes	Math	Yes
	Algebra IIA	Spanish	8	Yes		Math	Yes
	Algebra IIB	Spanish	8	Yes	Yes	Math	Yes
	Consumer Math (<i>cnslr option</i>)	Spanish	7	Yes	Yes	Sr Yr Math	
	Geometry A		8	Yes		Math	Yes
	Geometry B		8	Yes	Yes	Math	Yes
	Math 8A		7	Yes	Yes		
Math 8B		7	Yes	Yes			
Pre-Algebra (<i>cnslr option</i>)	Spanish	6	Yes	Yes			
Science	Biology A		10	Yes	Yes	Science	Yes
	Biology B		8	Yes	Yes	Science	Yes
	Environmental Sci A		10	Yes		Science	Yes
	Environmental Sci B		10	Yes		Science	Yes
	Int. Earth/Space Sci.	Offered only in Spanish	8	Yes		Science	Yes
Int. Life Sci.		8	Yes		Science	Yes	
Social Studies	Contemp. World Problems		8	Yes		Social Studies	Yes
	U.S. Government	Spanish	8	Yes	Yes	Social Studies	Yes
	U.S. History A	Spanish Russian	8	Yes	Yes	Social Studies	Yes
	U.S. History B	Spanish	8	Yes	Yes	Social Studies	Yes
	Washington State Hist & Gov	Spanish	10	Yes	Yes	Social Studies	Yes
World Geography	Spanish	10	Yes	Yes	Social Studies	Yes	
Physical Education	Health & Fitness	Spanish	8	Yes			
Restricted Elective	Art IA Color and Design		8			Arts	
Electives <i>(may be used to satisfy other requirements at school counselor's option)</i>	Economics		8	Yes		Social Studies	Yes
	Four P's		8	Yes	Yes		
	General Math A		6	Yes	Yes		
	General Math B		6	Yes	Yes		
	Pre-Algebra	Spanish	6	Yes			
	Preparing for College (not a full semester-long course)		7	Yes			
	Civic Involvement CBA		10	Yes	Yes		
	Study Skills		7				
	World History A		10	Yes		Social Studies	Yes
World History B		10	Yes	Yes	Social Studies	Yes	
You and the News		6					
Culminating Project	Four P's (Unit 5)		8	Yes	Yes		
HS & Beyond Plan	Four P's (Units 1-4)		8	Yes	Yes		

Quick Reference

		Languages:		Reading	Approved	Meets	
		E=English	Aligned	Grade	NCAA Core	University	
		S=Spanish	with EALRs	Level	Course	Admission	
		R=Russian	(Yes/No)		(Yes/No)	CADRs	
Arts Elective	Art IA Color and Design (p. 4).....	E	Y	8	Y	Y	
	Four Ps: Plan, Pathway, Portfolio, & Project (pp. 5,18).....	E	Y (+ GLEs)	8	N	N	
	Prep for College (pp. 6,20).....	E	Y	7	N	N	
	Study Skills (p. 7).....	E	N	7	N	N	
English	<i>Essay Scoring Standard</i> (p. 8)						
	Creative Writing (p. 9).....	E	Y	8	Y	Y	
	English IA (p. 10).....	E	Y (+ GLEs)	7	Y	Y	
	English IB (p. 11).....	E	Y (+ GLEs)	8	Y	Y	
	English IIA (p. 12).....	E	Y (+ GLEs)	8	Y	Y	
	English IIB (p. 13).....	E	Y (+ GLEs)	8	Y	Y	
	English IIIA (p. 14).....	E	Y (+ GLEs)	8	Y	Y	
	English IIIB (p. 15).....	E	Y (+ GLEs)	8	Y	Y	
	English IVA (p. 16).....	E	Y (+ GLEs)	8	Y	Y	
	English IVB (p. 17).....	E	Y (+ GLEs)	8	Y	Y	
	Four Ps: Plan, Pathway, Portfolio, & Project (pp. 5,18).....	E	Y (+ GLEs)	8	N	N	
	Lrng English Thru Lit (p. 19).....	E	Y	5	N	N	
	Prep for College (pp. 6,20).....	E	Y	7	N	N	
	You and the News (p. 21).....	E	N	6	N	N	
	Physical Education	Health and Fitness (p. 22).....	E/S	Y	8	N	N
		Mathematics					
Mathematics	Algebra IA (p. 23).....	E/S	Y (+ PEs)	8	Y	Y	
	Algebra IB (p. 24).....	E/S	Y (+ PEs)	8	Y	Y	
	Algebra IIA (pp. 25-26).....	E/S	Y	8	Y	Y	
	Algebra IIB (p. 27).....	E/S	Y	8	Y	Y	
	Consumer Math (p. 28).....	E/S	Y	7	N	Y (SrYr)	
	General Math A (p. 29).....	E	Y	6	N	N	
	General Math B (p. 30).....	E	Y	6	N	N	
	Geometry A (p. 31).....	E	Y	8	Y	Y	
	Geometry B (p. 32).....	E	Y	8	Y	Y	
	Math 8A (p. 33).....	E	Y (+ PEs)	7	N	N	
	Math 8B (p. 34).....	E	Y (+ PEs)	7	N	N	
	Pre-Algebra (p. 35).....	E/S	Y	6	N	N	
	Science	Biology A (p. 36).....	E	Y (+ GLEs)	10	Y	Y(labs)
		Biology B (p. 37).....	E	Y (+ PEs)	8	Y	Y (labs)
Environmental Science A (p. 38).....		E	Y	10	Y	Y(labs)	
Environmental Science B (p. 39).....		E	Y	10	Y	Y(labs)	
Integrated Earth and Space (p. 40).....		S	Y	8	Y	Y(labs)	
Integrated Life Science (p. 41).....		S	Y	8	Y	Y(labs)	
Social Studies	Civic Involvement CBA (p. 42).....	E	Y (+ GLEs)	10	n/a	N	
	Contemp. World Problems (p. 43).....	E	Y	8	Y	Y	
	Economics (p. 44).....	E	Y	8	Y	Y	
	U.S. Government (p. 45).....	E/S	Y	8	Y	Y	
	U.S. History A (p. 46).....	E/S/R	Y (+ GLEs)	8	Y	Y	
	U.S. History B (p. 47).....	E/S	Y (+ GLEs)	8	Y	Y	
	Washington State Hist. & Gov. (p. 48).....	E/S	Y (+ GLEs)	6	Y	Y	
	World Geography (p. 49).....	E/S	Y (+ GLEs)	10	Y	Y	
	World History A (p. 50).....	E	Y (+ GLEs)	10	Y	Y	
	World History B (p. 51).....	E	Y (+ GLEs)	10	Y	Y	