

## Intermediate Integrated Curriculum Overview

2009-2010 Theme: Connections

	1st Trimester	2nd Trimester	3rd Trimester
<b>Key Concepts and Principles</b>	<u>Global Connections</u> The earth is living and changing All cultures share attributes	<u>Cultural Connections</u> Simple machines and writing were invented in the ancient world. A writer's culture affects their writing.  Ancient cultures predate the American culture and have influenced it	<u>Innovative Connections</u> Colonization changes culture  Conflict shapes a culture  Modern cultures use a mix of traditional and modern techniques to cure disease All living things have cells
	<b>Projects/ Experiences</b>	Earthquake Tracker Mapping volcanoes Compare/contrast cultures  DIG	Cultural Fair Science Fair  Wing Luke Museum
<b>Social Studies Content</b>	<u>World Geography</u>  Longitude/latitude  Continents  Pacific Ocean region  Islands of the Pacific region  Population movements "Push" and "pull"	<u>Eastern Ancient Culture</u>  How did religion, environment, government, and resources shape the cultures?  Compare/contrast two eastern ancient cultures: What factors contributed to the similarities or differences?	<u>Eastern Modern Culture</u>  Research economic development, technology, environmental issues, and education of a country and predictions for the future. Prepare Powerpoint Presentation  Teacher for a Day: teaching about one country  How does the intervention of one country in another influence the country's development (colonization, etc.)
	<b>Science Content</b>	<u>Ring of Fire</u> Geologic time  Plate tectonics:  Earthquakes, volcanoes, islands  Anthropological connections between South America and western Pacific	<u>Physics</u>  Science Fair  Simple machines: lever, pulleys, wedge, screw, incline plane
<b>Language Arts Connections</b>	Reading maps  Book studies: "Robinson Crusoe" "In the Ring of Fire: a Pacific Basin Journey" "Stowaway"  Writing short stories  Research papers	Book study TBD  Rewrite a story in the context of another culture  Comparing myths from different cultures  Analyze literature for cultural influences  Experimenting in voice and structure  Writing in a different persona	Book study TBD  Analyze literature
	<b>Math Connections</b>	Longitude/Latitude Measurement  Navigation	Magnification of force with simple machines  Population density  Exponential growth in populations
<b>Art Connections</b>	Drawing maps  Cultural projects  Traditional art forms from the region	Traditional art from the region such as oragami or brush painting  Who do cultural artifacts belong to?	Animie  Modern art is influenced by ancient art of many cultures  Architecture
	<b>Materials/ Resources</b>	Foss Waterway Seaport  Charts/Maps Speakers Cultural community involvement	Seattle Art Musuem Resource Library  Haleobacteria kit Microscopes
<b>All School Projects</b>		Science Fair	

**Intermediate Intergrated Curriculum Overview**  
**2010-2011 Theme: Transitions**

	1st Trimester	2nd Trimester	3rd Trimester
<b>Key Concepts and Principles</b>	<u>Evolutionary Transitions</u> Voting is a foundation of democracy Systems evolve and adapt over time  An organism adapts to its environment	<u>Revolutionary Transitions</u> Revolutions are first evolutions Scientific discovery is based on experimentation and proof	<u>Transitions Within a System</u> Cultural norms change over time  Economics influence government Biological systems encounter threats
<b>Projects/ Experiences</b>	Debates Get Out the Vote Radio station visit and recordings OPI Evolve Your Own Animal	Research paper Colonial craft day  Science Fair Writing biographies	Forum of Famous Faces Research paper  Power point presentation Rat Experience Nutrition Journals ELISA Simulation
<b>Social Studies Content</b>	<u>Elections/US Government</u> Three branches of government Constitution Article II Voters rights and responsibilities Primaries Political parties Campaigning	<u>Revolutionary War</u> Declaration of Independence Constitution Intolerable Acts Articles of Confederation Continental Congress Boston Massacre Boston Tea Party Battles of the Revolution Revolutionary Figures	<u>Civil War</u> Slavery Abolitionists Underground Railroad Civil War figures Battles of the Civil War Economics Reconstruction
<b>Science Content</b>	<u>Evolution</u> Fossil record Geologic time Hominids Adaptations Biodiversity Charles Darwin	<u>Chemistry</u> Periodic Table Density Catalysts Alchemy Buoyancy pH Atoms and molecules	<u>Processes in the Human Body</u> Nutrition Food labels Human body Sexuality Body mass Healthy lifestyles
<b>Language Arts Connections</b>	Junior Great Books Poetry Writers Workshop	Book studies: "My Brother Sam Is Dead" "Animal Farm" "Isaac Newton" Research paper Published writing	Research paper Published writing Book studies: "Sound of Waves" "Boy's War" "Harriet Tubman" "Tuck Everlasting" "The Giver"
<b>Math Connections</b>	Graphing Timelines Geologic time Polling Electoral College calculations Problem solving Number sense	Data collection and analysis Graphing Algebra Problem solving Number sense	Percentage of body fat Fractions Geometry Problem solving Number sense
<b>Art Connections</b>	Political cartoons Political advertising Fossil prints Evolve your own animal	Political cartoons Paintings of the Revolution Propaganda and political art	Photography Matthew Brady Storytelling through images Digital cameras
<b>Materials/ Resources</b>	National Student Mock Election Burke Boxes Virus and the Whale	Liberty video series	ELISA Simulation Digital photography
<b>All School Projects</b>	Get out the vote Mock election	Science Fair	Forum of Famous Faces