

Gifted Resource Interdisciplinary Curriculum Topics

Grade K	Grades 1 (6-week units)	Grade 2 (6-week units)	Grade 3 (8-week units)	Grade 4 (8-week units)	Grade 5 (8-week units)
Bridges	Change	Expanding Horizons	Journeys	Perspectives	Choices and Challenges
Primary Engineering Creative constructions Interdiscip.	Habitats & Houses Intro. to architecture and related environmental issues Social Studies	Myths and Legends Multicultural world folktales and myths Monsters in myths Literature	Civil Rights Civil rights literature and history in Hampton Social Studies	Chesapeake Bay Problem-based learning on Chesapeake Bay: plankton and pollution Science	Understanding Prejudice: Literature Exploration <i>Number the Stars</i> Literature Social Studies
Fables Thinking about stories Literature	Tall Tales Adventures in writing Literature	3-D Geometry Spatial Reasoning <i>Wm & Mary Unit: Spatial Reasoning</i> Polygons, nets, slices Symmetry Math	Number Systems <i>Wm & Mary Unit: Beyond Base 10</i> Binary Number codes Math	Language and Literature Themes of perseverance and resourcefulness Word origins, roots, prefixes, suffixes, etc. <i>Frindle or Hatchet</i> Literature	Media Literacy: Understanding propaganda and media portrayal of environmental issues – understanding bias and multiple viewpoints Science
Measuring with Frogonauts Math	Basic Geometry Patterns Shapes in architect. Bubbles Tessellations Math	Astronomy Intro. to constellations Stories behind constellations Basic star info. Science	Flight Bernoulli's principles of flight Aircraft engineering and experiments Science	Hands-on Equations Parts I and II Algebraic word problems Explorations in geometry and mathematical thinking Math	Hands-on Equations Parts II-III Algebraic word problems Explorations in geometry and mathematical thinking Math
	Observations and Changes Scientific process Observing <i>Wm & Mary Unit: Survive and Thrive</i> Science	Creative Writing Use of a thesaurus Vocabulary building Descriptive words Poetry and myths Oral histories Social Studies	Creative Writing Discussion of oral histories, historical journals, letters, diaries Personal journeys Literature	Communication and Technology Introduction to debates Social Studies	Communication and Technology Presentation software (interwoven with all units this grade level) Interdisciplinary
Curiosity Intro. To Critical Thinking	Deductive Reasoning Pictorial analogies Clip clues Critical thinking	Visual/Spatial Thinking Logic matrices Manipulatives Critical thinking	Analysis and Evaluation Brainstorming (OM) Creative problem solving Critical thinking	Verbal Analogies and Wordplays <i>Stories to Solve</i> Toothpick puzzles Critical thinking	Logic and Matrix Puzzles Connotations/denotations Inferences and implications Stories with holes Critical thinking
<p>These interdisciplinary units contain opportunities for writing, research, problem solving, and critical thinking</p> <p>* Critical thinking includes ethics, decision-making, analogies, personal responsibility, making judgments/evaluations, drawing conclusions</p> <p>** Products may include technology (presentations- may be collaborative) or be traditional (reports, posters, plays, songs, art, poems, stories, etc.)</p> <p>*** Time is allotted for differentiation and expansion or adaptation of units to meet the needs and interests of each group and/or individual students</p>					