

Instructional Media & Technology Integration Options for GRADE 4

<i>IMC or Technology Concept or Skill</i>	READING	WRITING	MATH	SCIENCE	SOCIAL STUDIES
Reference and Research Resources*	<p><u>Quarter 1</u> Genre Focus = Nonfiction Comprehension Strategy = Inferring</p> <ul style="list-style-type: none"> Nonfiction research project <p><u>Quarter 3</u> Genre Focus = Biography Comprehension Strategy = Determining Importance</p> <ul style="list-style-type: none"> Historical Monologue Biography research project Biography Timeline 	<p>Student research project (tie in with genre focus, science or social studies topic of choice)</p>		<p>Structures of Life Module <i>Possible activities from "Interdisciplinary Extensions, Thinking Processes and Technology/Home Connections"</i></p> <ul style="list-style-type: none"> Seed, crayfish, snail or beetle research Research staple crops <p>Magnetism and Electricity Module <i>Possible activities from "Interdisciplinary Extensions, Thinking Processes and Technology/Home Connections"</i></p> <ul style="list-style-type: none"> Research codes Research historical sources of energy Research inventors who have contributed to electricity use <p>Earth Materials Module <i>Possible activities from "Interdisciplinary Extensions, Thinking Processes and Technology/Home Connections"</i></p> <ul style="list-style-type: none"> Research Mohs' scale Research use of stones as tools Research use of earth materials for decoration 	<p>US Resources & Economy</p> <ul style="list-style-type: none"> Economy of different regions <p>People of the US: Native Americans & Immigrants</p> <ul style="list-style-type: none"> Biography Research Cultural Heritage
Word Processing	<p>Publishing in any Genre Focus - Applies to all units</p>	<p>Publishing in any Genre Focus - Applies to all units</p> <p>Genre Focus= Timed Writing</p> <ul style="list-style-type: none"> Timed typing exercises – tie in with Keyboarding 		<p>Structures of Life Module <i>Possible activities from "Interdisciplinary Extensions, Thinking Processes and Technology/Home Connections"</i></p> <ul style="list-style-type: none"> Write about the day in the life of crayfish <p>Magnetism and Electricity Module <i>Possible activities from "Interdisciplinary Extensions, Thinking Processes and Technology/Home Connections"</i></p> <ul style="list-style-type: none"> Write from a magnets point of view Create a code 	<p>US Resources & Economy</p> <ul style="list-style-type: none"> Economy Magazine <p>People of the US: Native Americans & Immigrants</p> <ul style="list-style-type: none"> Grandparent Essay
Spreadsheet Software*			Oreo averages project	<p>Structures of Life Module <i>Possible activities from "Interdisciplinary Extensions, Thinking Processes and Technology/Home Connections"</i></p> <ul style="list-style-type: none"> Compare and graph masses of crayfish <p>Earth Materials Module <i>Possible activities from "Interdisciplinary Extensions, Thinking Processes and Technology/Home Connections"</i></p> <ul style="list-style-type: none"> Rock weight graph Make class bar graph of birthstones 	<p>Map & Globe Skills/Land & Climate of the US Regions</p> <ul style="list-style-type: none"> Geographical/Historical Temperature Graph
Graphics Organizer Software*	<p><u>Quarter 1</u> Genre Focus = Nonfiction Comprehension Strategy = Inferring</p>	<p>Genre Focus= Narrative: Nonfiction</p> <ul style="list-style-type: none"> Personal Narrative Web 		<p>Structures of Life Module <i>Possible activities from "Interdisciplinary Extensions, Thinking Processes and Technology/Home Connections"</i></p>	<p>US Resources & Economy</p> <ul style="list-style-type: none"> Pollution or Recycling Flow Chart

	<ul style="list-style-type: none"> Nonfiction research project <p>Quarter 2 Genre Focus = Historical Fiction Comprehension Strategy = Making Connections</p> <ul style="list-style-type: none"> Elements of Plot Web Compare personal life to historical time period 	<p>Genre Focus= Expository</p> <ul style="list-style-type: none"> Note taking web <p>Genre Focus= Technical</p> <ul style="list-style-type: none"> How-to Web 		<p><i>Technology/Home Connections"</i></p> <ul style="list-style-type: none"> Seed lifecycle web Label crayfish/snail/beetle structure <p>Magnetism and Electricity Module <i>Possible activities from "Interdisciplinary Extensions, Thinking Processes and Technology/Home Connections"</i></p> <ul style="list-style-type: none"> Material sort based on whether they conduct electricity 	<p>People of the US: Native Americans & Immigrants</p> <ul style="list-style-type: none"> Biography Time Line <p>US Government</p> <ul style="list-style-type: none"> 3 Branches of Government Responsibility Voting Process Flow Chart
Presentation Software*	<p>Quarter 1 Genre Focus = Nonfiction Comprehension Strategy = Inferring</p> <ul style="list-style-type: none"> Nonfiction research project <p>Quarter 3 Genre Focus = Biography Comprehension Strategy = Determining Importance</p> <ul style="list-style-type: none"> Biography PowerPoint <p>Quarter 4 Genre Focus = Poetry Comprehension Strategy = Synthesizing</p> <ul style="list-style-type: none"> Poetry PowerPoint 	<p>Presentation project (tie in with genre focus, science or social studies topic of choice)</p> <p>Possible software options: PhotoStory, PowerPoint, Voice Thread, FlixTime, Animoto, Worlde, Prezi, Glogster</p>		<p>Structures of Life Module <i>Possible activities from "Interdisciplinary Extensions, Thinking Processes and Technology/Home Connections"</i></p> <ul style="list-style-type: none"> Seed, crayfish, snail or beetle presentation <p>Magnetism and Electricity Module <i>Possible activities from "Interdisciplinary Extensions, Thinking Processes and Technology/Home Connections"</i></p> <ul style="list-style-type: none"> Safe electricity use presentation 	<p>People of the US: Native Americans & Immigrants</p> <ul style="list-style-type: none"> Biography PowerPoint or Photo Story Cultural Heritage Power Point
iPad	E-book Applications Associated Apps as Available	E-book Applications Associated Apps as Available	E-book Applications Associated Apps as Available	E-book Applications Associated Apps as Available	E-book Applications Associated Apps as Available: Stack the States
Internet	<p>Author Webpages E-book Websites Video Lessons on Mini Lesson Topics or Author Brain Pop Jr. www.timetoast.com</p>	Brain Pop Jr.	Harcourt Math Site Everyday Math Site Brain Pop Jr.	<p>FOSS Web Brain Pop Jr. Skype with USGS Create a Crossword – play word games using earth materials vocabulary</p>	<p>Brain Pop Jr. Big Huge Labs (Economy Magazine Cover) http://www.bighugelabs.com/ Ben's Guide to US Government: http://bensguide.gpo.gov/ Geography Games: http://www.sheppardsoftware.com/web_games.htm</p>
ProScope				Use as applies	