

2nd Grade Curriculum Map 2008-2009

Scales Technology Academy

August			
	<u>Content</u>	<u>Arizona State Standard(s)</u>	<u>Resources</u>
<u>Reading</u>	Review and assess; Theme 1, Stories 1-3: Identify the main idea of a selection; Determine an author's purpose for writing; Identify and analyze narrative elements	S2C1PO1-3; S3C1PO1* (The reading process is taught daily, throughout the curriculum.)	
<u>Writing</u>	Write expository text, personal narratives, and literary responses	S3C1PO1; S3C2PO1; S3C5PO2* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	Ch. 1-3: Read, write, model, compare, and order numbers to 100; Use a number line and hundred chart; Identify even and odd numbers; Use ordinal numbers	S1C1PO1-6,9-13; S1C2PO13-14; S3C1PO2; S3C2PO1*	Place value: Ones and tens
<u>Science</u>	All About Me: Identify the major parts of the digestive and respiratory systems; Describe the functions of the digestive and respiratory systems	S4C1PO1-3* (Strands 1-3 are incorporated throughout the year.)	Kids Info Guide: Digestive System KidsHealth: How the body works
<u>Social Studies</u>	Discuss laws and rights in the U.S. Constitution and the classroom; Understand the responsibilities of citizenship; Apply character traits; State basic information about Tempe	S3C1PO2,4,5; S3C4PO1-4*	
<u>Technology</u>	Apply basic technology vocabulary; Operate keyboard and mouse; Make a Keynote presentation (Chameleon similes)	Standard 1T-F1, PO1; 1T-F2, PO1; 1T-F3, PO1-2; 3T-F3, PO2	Computer vocabulary match Tips for comfortable computer use
<u>Field Trips</u> (To be confirmed)			

*Key: S1C1PO1 indicates Strand 1, Concept 1, Performance Objective 1

2nd Grade Curriculum Map 2008-2009

Scales Technology Academy

September			
	<u>Content</u>	<u>Arizona State Standard(s)</u>	<u>Resources</u>
<u>Reading</u>	Theme 1, Stories 4-5, Theme 2, Story 1: Compare and contrast; Identify and analyze narrative elements; Sequence events in a story	S1C6PO3; S2C1PO1-3,7* (The reading process is taught daily, throughout the curriculum.)	
<u>Writing</u>	Write friendly letters, imaginative stories, and literary responses	S3C1PO1; S3C3PO1-2; S3C5PO2* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	Ch. 4-6: Collect, graph, and analyze data; Use strategies to add and subtract; Solve word problems; Identify addition and subtraction as opposites; Use fact families	S1C2PO.3,6,7,11,13; S2C1PO1-6; S3C3PO1-2; S5C2PO1-2*	Test the Toad +/- game Spacey Math +/- practice Apple Pictographs lesson
<u>Science</u>	All About Me: Identify the major parts of the circulatory system; Describe the functions of the circulatory system; Animal Classification: Describe characteristics of mammals	S4C1PO1-3; S4C2PO2* (Strands 1-3 are incorporated throughout the year.)	KidsHealth: How the body works
<u>Social Studies</u>	State basic information about Arizona; Describe common U.S. symbols; Describe the significance of U.S. holidays; Read and interpret physical and political maps	S3C1PO1,3; S3C2PO3; S4C1PO1-2*	
<u>Technology</u>	Use the internet ethically and safely; Use a spreadsheet to graph data; Use technology to collect and interpret data	Standard 2T-F1, PO1; 2T-F2, PO1-3; 3T-F2, PO1; 6T-F1, PO1-2	"Whose Property is This?" lesson Tips for online safety Create a Graph website
<u>Field Trips</u> (To be confirmed)			

*Key: S1C1PO1 indicates Strand 1, Concept 1, Performance Objective 1

2nd Grade Curriculum Map 2008-2009

Scales Technology Academy

October			
	<u>Content</u>	<u>Arizona State Standard(s)</u>	<u>Resources</u>
<u>Reading</u>	Theme 2, Stories 2-4: Identify the main idea of a selection; Predict outcomes; Identify synonyms; Follow written, multi-step directions; Alphabetize words	S1C1PO1; S1C6PO1-2; S3C1PO1; S3C2PO1-3* (The reading process is taught daily, throughout the curriculum.)	Comic Life: "How I help out at home"
<u>Writing</u>	Write personal narratives, expository text, recipes, and literary responses	S3C1PO1; S3C2PO1; S3C3PO1; S3C5PO2* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	Ch. 7-8: Demonstrate the process of addition using manipulatives; Add 2-digit numbers with and without regrouping	S1C2PO1,4,13*	Base Blocks Addition virtual manipulatives (choose from list) Addition Attack (1- and 2-digit)
<u>Science</u>	<u>Animal Classification</u> : Describe characteristics of amphibians, reptiles, insects, and birds	S4C2PO1-3* (Strands 1-3 are incorporated throughout the year.)	Animal Classification lesson plan
<u>Social Studies</u>	Construct a map of a familiar place; Recognize the role of archaeology in discovering prehistoric Native Am. cultures; Identify reasons for immigration to the U.S.	S1C1PO3; S1C2PO1; S1C5PO1; S4C1PO3*	
<u>Technology</u>	Use word processing to create, edit, save, and print documents; Insert graphics into documents; Create a Comic Life presentation	Standard 1T-F3, PO2-3; 3T-F1, PO1-2; 3T-F3, PO2	
<u>Field Trips</u> (To be confirmed)			

*Key: S1C1PO1 indicates Strand 1, Concept 1, Performance Objective 1

2nd Grade Curriculum Map 2008-2009

Scales Technology Academy

November			
	<u>Content</u>	<u>Arizona State Standard(s)</u>	<u>Resources</u>
<u>Reading</u>	Theme 2, Story 5, Theme 3, Stories 1-2: Compare and contrast; Locate information from charts, graphs, and diagrams; Identify the main idea and details of a selection	S1C6PO3; S3C1PO1,2,5* (The reading process is taught daily, throughout the curriculum.)	
<u>Writing</u>	Write friendly letters, expository text, literary responses, and reports (parts of a plant)	S3C2PO1; S3C3PO1-2; S3C5PO2; S3C6PO1* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	Ch. 9-11: Demonstrate the process of subtraction using manipulatives; Subtract 2-digit numbers with and without regrouping; Mixed +/- practice	S1C2PO2-7,12-13; S1C3PO1; S5C1PO1*	Base Blocks Subtraction virtual manipulatives (choose from list) Diffy game (choose from list)
<u>Science</u>	<u>Animal Classification</u> : Describe characteristics of fish; Make a tree map and iMovie about animals; <u>Life Cycles</u> : Describe the life cycle of a plant	S4C2PO1-3* (Strands 1-3 are incorporated throughout the year.)	Animal Classification lesson plan iMovie about animals Kidspiration flow map of a plant life cycle
<u>Social Studies</u>	<u>The American Revolution</u> : 13 colonies, Boston Tea Party, Revolutionary War, key people involved, independence, Constitution and Bill of Rights; Use timelines and primary source materials	S1C1PO1-2,4; S1C4PO1-6*	
<u>Technology</u>	Use a pre-designed template to publish a document; Create an iMovie; Create a flow map using Kidspiration; Participate in a WebQuest	Standard 3T-F3, PO1-2; 5T-F1, PO1-2	My Schoolhouse WebQuest
<u>Field Trips</u> (To be confirmed)			

*Key: S1C1PO1 indicates Strand 1, Concept 1, Performance Objective 1

2nd Grade Curriculum Map 2008-2009

Scales Technology Academy

December			
	<u>Content</u>	<u>Arizona State Standard(s)</u>	<u>Resources</u>
<u>Reading</u>	Theme 3, Stories 3-5: Classify statements as fact or fiction; Make inferences; Predict outcomes; Locate information from charts and graphs	S1C6PO1-3; S3C1PO2,5* (The reading process is taught daily, throughout the curriculum.)	
<u>Writing</u>	Write imaginative stories and literary responses	S3C1PO1; S3C5PO2* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	Ch. 12-15: Count, compare, add, and subtract money up to \$5.00; State equivalent relationships in money and time; Tell time to the nearest quarter hour; Use a calendar	S1C1PO16-19; S1C2PO13,17; S1C3PO1,4; S4C4PO1,3-5,7*	Telling time practice
<u>Science</u>	<u>Life Cycles</u> : Describe and compare the life cycles of various mammals, insects (butterfly), and plants (pumpkins)	S4C2PO1-3* (Strands 1-3 are incorporated throughout the year.)	From Caterpillars to Butterflies lesson plan Plant and animal life cycles
<u>Social Studies</u>	<u>U.S. history</u> : Discuss why people moved west, the challenges they faced, and the transportation they used; Discuss the effects of expansion on Native Americans	S1C5PO2-5; S5C1PO4*	
<u>Technology</u>	Create Comic Life presentations: Animals and butterflies	Standard 3T-F3, PO2	
<u>Field Trips</u> (To be confirmed)			

*Key: S1C1PO1 indicates Strand 1, Concept 1, Performance Objective 1

2nd Grade Curriculum Map 2008-2009

Scales Technology Academy

January			
	<u>Content</u>	<u>Arizona State Standard(s)</u>	<u>Resources</u>
<u>Reading</u>	Theme 4, Stories 1-4: Identify cause and effect; Sequence events in a story; Identify synonyms and antonyms; Make inferences	S1C6PO3-4; S2C1PO3-4* (The reading process is taught daily, throughout the curriculum.)	
<u>Writing</u>	Write imaginative stories, friendly letters, and literary responses	S3C1PO1; S3C3PO1-2; S3C5PO2* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	Ch. 16-18, 20-21: Understand probability; Make combinations using 2 sets of items; Recognize and compare plane shapes; Identify congruence and symmetry; Identify and extend patterns	S1C2PO14; S2C2PO1-6; S2C3PO1; S3C1PO1-3; S4C1PO1-3; S4C2PO1*	Four probability games Symmetry video Crazy Pattern Machine
<u>Science</u>	<u>Life Cycles</u> : Describe and compare the life cycles of various birds (robin) and amphibians (frog); Describe the water cycle; Explore volcanoes and earthquakes	S4C2PO1-3; S5C1PO3* (Strands 1-3 are incorporated throughout the year.)	Plant and animal life cycles iMovie: Recreating natural disasters
<u>Social Studies</u>	Compare the ways people have traded throughout history; Use graphs to display geographic info.; Locate physical and human features on maps; Use timelines	S1C1PO1-2; S2C5PO1; S4C1PO4-6; S5C1PO5*	
<u>Technology</u>	Create an iMovie: Recreating natural disasters	Standard 3T-F3, PO2	iMovie tutorial
<u>Field Trips</u> (To be confirmed)			

*Key: S1C1PO1 indicates Strand 1, Concept 1, Performance Objective 1

2nd Grade Curriculum Map 2008-2009

Scales Technology Academy

February			
	<u>Content</u>	<u>Arizona State Standard(s)</u>	<u>Resources</u>
<u>Reading</u>	Theme 4, Story 5, Theme 5, Stories 1-2: Classify statements as fact or fiction; Identify and analyze narrative elements; Compare and contrast; Identify cause and effect; Identify antonyms	S1C6PO3; S2C1PO1-4; S3C1PO2* (The reading process is taught daily, throughout the curriculum.)	March of the Penguins game
<u>Writing</u>	Write imaginative stories, riddles, friendly letters, and literary responses	S3C1PO1-2; S3C3PO1-2; S3C5PO2* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	Ch. 22, 23, 27: Estimate and measure length, capacity, and weight; Understand place value to hundreds	S1C1PO1-9,16,17; S1C3PO2-3; S4C4PO1,2,5-7*	Measure It! game
<u>Science</u>	<u>Weather</u> : Measure and record weather conditions (thermometer); Identify cumulus, stratus, and cirrus clouds; Analyze the relationship between clouds, temperature, and weather conditions	S6C3PO1-4* (Strands 1-3 are incorporated throughout the year.)	Weather Wiz Kids
			National Weather Service
			Web Weather for Kids
<u>Social Studies</u>	<u>China</u> : early civilizations, archaeology, art, inventions, architecture, conflict and change over time; Use timelines and primary source materials	S2C1PO1-5; S2C2PO1-2; S2C6PO1; S4C2PO1-3*	
<u>Technology</u>	Identify sources of information about a topic; Locate information in a resource selected by the teacher	Standard 1T-F2, PO3; 5T-F1, PO1-2	KidsClick search engine
			Ask for Kids search engine
<u>Field Trips</u> (To be confirmed)	Walking Field Trip		

*Key: S1C1PO1 indicates Strand 1, Concept 1, Performance Objective 1

2nd Grade Curriculum Map 2008-2009

Scales Technology Academy

March			
	<u>Content</u>	<u>Arizona State Standard(s)</u>	<u>Resources</u>
<u>Reading</u>	Theme 5, Stories 3-5: Identify multiple-meaning words (homographs); Summarize a selection; Identify the main idea and details of a selection	S3C1PO1-2* (The reading process is taught daily, throughout the curriculum.)	
<u>Writing</u>	Write imaginative stories, expository text, flyers/brochures, and literary responses	S3C1PO1 ; S3C2PO1 ; S3C3PO1 ; S3C5PO2* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	Ch. 28, 29, 26: Compare and order numbers to 1,000; Add and subtract 3-digit numbers; Identify, model, add, and subtract fractions (halves and fourths)	S1C1PO5,11,13-15 ; S1C2PO1,2,8,13-16*	Various fraction manipulatives (choose from list)
<u>Science</u>	Classify materials as solids, liquids, or gases; Demonstrate properties of solids, liquids, and gases	S5C1PO1-4* (Strands 1-3 are incorporated throughout the year.)	States of Matter activity States of matter and phase changes
<u>Social Studies</u>	Japan: early civilizations, archaeology, art, inventions, architecture, conflict and change over time; Begin India: early civilizations and archaeology	S2C1PO1-5 ; S2C2PO1-2 ; S2C6PO1 ; S4C2PO1-3 ; S4C4PO1-6*	
<u>Technology</u>	Use GarageBand to create music	Standard 3T-F3, PO2	GarageBand tutorial
<u>Field Trips</u> (To be confirmed)			

*Key: S1C1PO1 indicates Strand 1, Concept 1, Performance Objective 1

2nd Grade Curriculum Map 2008-2009

Scales Technology Academy

April			
	<u>Content</u>	<u>Arizona State Standard(s)</u>	<u>Resources</u>
<u>Reading</u>	Review; Terra Nova testing; Theme 6. Stories 1-2: Make inferences; Locate information using references, charts, and graphs	S1C6PO3-4; S3C1PO3-5* (The reading process is taught daily, throughout the curriculum.)	
<u>Writing</u>	Terra Nova testing; Write friendly letters, research reports (Arizona facts), imaginative stories, and literary responses	S3C1PO1; S3C3PO1-2; S3C5PO2; S3C6PO1* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	Ch. 30: Explore multiplication using 2s, 3s, 5s, and 10s; Terra Nova testing; Review and extend previous concepts	S1C2PO9,10,13*	
<u>Science</u>	Analyze the impact of technology on daily life; Describe important technological contributions made by people (automobile, airplane, telephone)	S3C2PO1-3* (Strands 1-3 are incorporated throughout the year.)	The life of Henry Ford The Wright Brothers Alexander Graham Bell
<u>Social Studies</u>	Finish India: art, inventions, architecture, conflict and change over time; Identify 3 branches of govt. and current political leaders; Discuss current events; Compare natural, human, and capital resources	S1C10PO1-3; S2C2PO2; S2C6PO1; S2C9PO1; S3C2PO1-2; S4C5PO1-2; S5C1PO3*	
<u>Technology</u>	Describe ways people use technology in daily life; Describe the positive and negative impact of technology on daily life	Standard 2T-F3, PO1-2	Technology timeline
<u>Field Trips</u> (To be confirmed)			

*Key: S1C1PO1 indicates Strand 1, Concept 1, Performance Objective 1

2nd Grade Curriculum Map 2008-2009

Scales Technology Academy

May			
	<u>Content</u>	<u>Arizona State Standard(s)</u>	<u>Resources</u>
<u>Reading</u>	Theme 6, Stories 3-5: Identify an author's purpose; Follow directions; Identify homophones and homographs; Identify and analyze narrative elements; Make predictions; Summarize a selection	S1C6PO1-2; S2C1PO1-3; S3C2PO1-3* (The reading process is taught daily, throughout the curriculum.)	
<u>Writing</u>	Write imaginative stories, friendly letters, and literary responses	S3C1PO1; S3C3PO1-2; S3C5PO2* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	Relate decimals, fractions, and percents; Explore vertex-edge graphs; Analyze changes in variables; Review and extend previous concepts	S1C1PO19-20; S2C4PO1; S3C4PO1-2*	Vertex-edge graphs
<u>Science</u>	None		
<u>Social Studies</u>	<u>Economics</u> : Discuss needs, wants, and limited resources; how goods are made; producers and consumers; costs and benefits of personal savings; Market Day	S5C1PO1-2,6-7; S5C5PO1*	Goat in the Rug activity
<u>Technology</u>	Plan, design, and present an academic product using multimedia resources	Standard 4T-F2, PO1	
<u>Field Trips</u> (To be confirmed)			

*Key: S1C1PO1 indicates Strand 1, Concept 1, Performance Objective 1