

3rd Grade Curriculum Map 2008-2009

Scales Technology Academy

August			
	<u>Content</u>	<u>Arizona State Standard(s)</u>	<u>Resources</u>
<u>Reading</u>	Theme 1: Something Special: Decode long words; Identify and analyze narrative elements; Identify elements of non-fiction	S1C3PO1-3; S2C1PO1-7* (The reading process is taught daily, throughout the curriculum.)	
<u>Writing</u>	Write personal narratives, letters, and poetry; Use parts of speech and punctuation correctly; Write compound sentences; Spell words with short vowels, long vowels, and st/str blends	S2C5PO1-3; S2C6PO2-6,8,11; S3C1PO1-2; S3C3PO1-3* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	Ch. 1-3: Use fact families to add and subtract; Add and subtract 2-digit numbers; Understand place value to six digits; Compare, order, and round numbers	S1C1PO1-9; S1C2PO4,6,13-15; S3C1PO2; S3C3PO2*	Number match game
			Place value lessons
			Word problems: + and -
<u>Science</u>	Scientific Inquiry: Formulate questions, observations, and hypotheses; Conduct simple investigations; Record and analyze data; Draw conclusions and share results	S1C1-4, all POs* (Strands 1-3 are incorporated throughout the year.)	Conduct an experiment using the scientific method
<u>Social Studies</u>	Describe the rights, responsibilities, and roles of citizenship; Interpret and construct different types of maps; Use timelines to understand historical events	S1&2C1PO1; S3C4PO1-3; S4C1PO1-7*	
<u>Technology</u>	Apply basic technology vocabulary; Operate keyboard and mouse; Use the Internet ethically and safely; Describe how technology impacts daily life	Standard 1T-F1, PO1; 1T-F2, PO1; 1T-F3, PO1-2; 2T-F1, PO1; 2T-F2, PO1-3; 2T-F3; PO1-2	Technology vocabulary
			Surf Swell Island (Internet safety)
			20th century inventions timeline
<u>Field Trips</u> (To be confirmed)			

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

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September			
	<u>Content</u>	<u>Arizona State Standard(s)</u>	<u>Resources</u>
<u>Reading</u>	Theme 2: Working Together: Decode long words; Understand word relationships; Determine an author's purpose for writing	S1C3PO1-3; S1C4PO6; S2C1PO5* (The reading process is taught daily, throughout the curriculum.)	
<u>Writing</u>	Write an animal report, letter, and poetry; Use common and proper nouns; Use singular and plural possessives; Spell words with kn, wr, gh, ph, sh, ch, tch, s, j, oi, and ou	S2C6PO1,6,8; S3C1PO1-2; S3C2PO1-3; S3C3PO1-3; S3C6PO1-3* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	Ch. 4-7: Add and subtract 3- and 4-digit numbers; Estimate sums and differences; Use money up to \$20.00; Tell time using a clock and calendar	S1C1PO15-17; S1C2PO1-4,17; S1C3PO1; S4C4PO2-3*	Subtracting to win a million game Learn to tell time activities
<u>Science</u>	Animals: Distinguish between mammals, birds, fish, reptiles, and amphibians; Identify adaptations of animals that allow them to live in specific environments	S4C4PO1-3* (Strands 1-3 are incorporated throughout the year.)	How animals meet their needs
<u>Social Studies</u>	Explore research skills to understand historical events; Discuss the contributions of the ancient civilizations in Greece and Rome	S1&2C1PO1-4; S2C2PO1-4; S4C2PO1-2*	
<u>Technology</u>	Use multimedia resources to complete research; Participate in Web quests; Create a PowerPoint presentation; Create a class pod cast	Standard 1T-F2, PO2-3; 3T-F3, PO2; 4T-F2, PO1	Kids Click! Online research Ask for kids (search engine)
<u>Field Trips</u> (To be confirmed)			

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October			
	<u>Content</u>	<u>Arizona State Standard(s)</u>	<u>Resources</u>
<u>Reading</u>	Theme 2: Working Together, cont.: Decode long words; Understand word relationships; Determine an author's purpose for writing	S1C3PO1-3; S1C4PO6; S2C1PO5* (The reading process is taught daily, throughout the curriculum.)	
<u>Writing</u>	Write imaginative stories, letters, and persuasive text; Use common and proper nouns; Use singular and plural possessives; Spell words with kn, wr, gh, ph, sh, ch, tch, s, j, oi, and ou	S2C6PO1,6,8; S3C1PO1-2; S3C3PO1-3; S3C6PO1-3* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	Ch. 8-11: Connect repeated addition with multiplication; Multiply with 0-10 using pictures, arrays, multiplication tables, songs, and rhymes	S1C1PO20-21; S1C2PO7,10-11,13-15; S3C2PO1; S5C1PO1*	Brainormous multiplication game Multiplication tips for teachers Interactive multiplication chart
<u>Science</u>	Plants: Describe plant structures; Compare life cycles of various plants; Identify adaptations of plants that allow them to live in specific environments	S4C1PO1; S4C2PO1-2; S4C4PO1-3* (Strands 1-3 are incorporated throughout the year.)	Each class plants a garden Pumpkin math activities Great Plant Escape web quest
<u>Social Studies</u>	None		
<u>Technology</u>	Create a bar graph using an online tool; Create an iBook presentation; Use Kidspiration	Standard 3T-F2, PO1; 3T-F3, PO2	Create a graph website
<u>Field Trips</u> (To be confirmed)			

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November			
	<u>Content</u>	<u>Arizona State Standard(s)</u>	<u>Resources</u>
<u>Reading</u>	Theme 3: Friends to Grow With: Use prefixes, suffixes, and common abbreviations; Sequence events in a story; Identify and analyze narrative elements	S1C4PO1-3; S2C1PO1-6* (The reading process is taught daily, throughout the curriculum.)	
<u>Writing</u>	Write an explorer report and a letter; Spell and use plural and possessive nouns; Use pronouns correctly; Spell words with aw, au, oo, ou, ar, ear, air, and are	S2C6PO6,8,11; S3C2PO1-3; S3C3PO1-3; S3C6PO1-3* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	Finish multiplication; Ch. 12-14: Relate multiplication to division; Use fact families to multiply and divide; Divide with 0-10; Use variables in context	S1C2PO6,8-10,12-15; S3C3PO1*	Math facts baseball game Fact family multiplication mystery Math mayhem facts practice
<u>Science</u>	None		
<u>Social Studies</u>	Discuss the European exploration and colonization of North America; Recognize how European exploration affected Native Americans	S1C3PO1-4; S2C5PO1-2; S4C2PO1-2*	
<u>Technology</u>	Use the Internet to research; Participate in Web quests; Create a Comic Life presentation	Standard 1T-F2, PO2-3; 3T-F3, PO2; 5T-F1, PO1-2	The Internet Public Library
<u>Field Trips</u> (To be confirmed)			

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December			
	<u>Content</u>	<u>Arizona State Standard(s)</u>	<u>Resources</u>
<u>Reading</u>	Theme 3: Friends to Grow With, cont.: Use prefixes, suffixes, and common abbreviations; Sequence events in a story; Identify and analyze narrative elements	S1C4PO1-3; S2C1PO1-6* (The reading process is taught daily, throughout the curriculum.)	
<u>Writing</u>	Write imaginative stories, recipes, plays, and letters; Spell and use plural and possessive nouns; Use pronouns correctly; Spell words with aw, au, oo, ou, ar, ear, air, and are	S2C6PO6,8,11; S3C1PO1-2; S3C3PO1-3* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	Ch. 19-21: Identify solid and plane figures; Identify congruent and similar figures; Explore symmetry; Slide, flip, and turn figures	S4C1PO1-5; S4C2PO1*	Interactive tangrams
			NLVM geometry manipulatives
			Symmetry game for SMART Board
<u>Science</u>	Light and Sound: Demonstrate the ways light behaves when it strikes different objects; Demonstrate how vibration produces sound; Explore pitch	S5C3PO1-4* (Strands 1-3 are incorporated throughout the year.)	The Science of Light activities
			The Science of Sound activities
			The Physics of Sound activities
<u>Social Studies</u>	None		
<u>Technology</u>	Use word processing to create a document; Use editing tools; Insert a graphic into a document; Use a pre-designed template to publish a document	Standard 3T-F1, PO1-2; 3T-F3, PO1	Microsoft Word templates: Brochures & greeting cards
<u>Field Trips</u> (To be confirmed)			

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January			
	<u>Content</u>	<u>Arizona State Standard(s)</u>	<u>Resources</u>
<u>Reading</u>	Theme 4: Tell Me a Story: Summarize stories; Understand figurative language; Compare and contrast literary elements; Follow multi-step directions	S2C1PO1; S3C2PO1* (The reading process is taught daily, throughout the curriculum.)	
<u>Writing</u>	Write a changemakers report and a letter; Use adjectives and articles correctly; Spell homophones and words with or, our, ar, ur, er, ir, er, est, and double consonants	S2C6PO8,9,11; S3C2PO1-3; S3C3PO1-3; S3C6PO1-3* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	Ch. 25-28: Identify, compare, order, add, and subtract fractions; Relate fractions to decimals and money; Add and subtract decimals	S1C1PO10-19; S1C2PO6,13,15-17*	Fraction match game
			Equivalent fractions
			Decimal jeopardy
<u>Science</u>	None		
<u>Social Studies</u>	Explore the issues and people of the Civil War; Discuss immigration in the late 19th century; Recognize Civil Rights leaders of the 20th century; Describe how the U.S. today is influenced by events of the past	S1C6PO1-2; S1C7PO1-2; S1C9PO1; S1C10PO1-2; S3C1PO4*	Multicultural unit?
<u>Technology</u>	Identify sources of information about a topic; Locate information using the Internet	Standard 5T-F1, PO1-2	Think-Tank wizard to organize a research topic
<u>Field Trips</u> (To be confirmed)			

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February			
	<u>Content</u>	<u>Arizona State Standard(s)</u>	<u>Resources</u>
<u>Reading</u>	Theme 5: Good Neighbors: Identify fact and opinion; Identify main idea and supporting details; Use reference and resource materials; Use and spell compound words	S1C4PO5; S2C1PO7; S3C1PO1-5* (The reading process is taught daily, throughout the curriculum.)	
<u>Writing</u>	Write imaginative stories and letters; Use verbs correctly (action, main/helping, present and past tense, irregular); Spell words with VCCV, VCV, ed, ing, tion, sion	S2C6PO8,11; S3C1PO1-2; S3C3PO1-3* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	Ch. 15, 16, 23, 24; Collect, record, graph, and analyze data; Identify and extend patterns; Explore probability, logic, combinations, and vertex-edge graphs	S2C1PO1-6; S2C2PO1-6; S2C3PO1; S2C4PO1; S3C1PO1-3; S3C4PO1-2; S4C3PO1; S5C2PO1*	Create a graph website Probability lesson Vertex-edge graphs
<u>Science</u>	None		
<u>Social Studies</u>	Understand the foundations of government; Identify the structure and functions of modern government; Recognize different types of political units (e.g., city, state)	S3C1PO1-4; S3C2PO1-2; S3C3PO1; S4C4PO1-6*	
<u>Technology</u>	Use a spreadsheet to perform data analysis; Use technology to collect, interpret, and graph data	Standard 3T-F2, PO1; 6T-F1, PO1-2	Create a graph website
<u>Field Trips</u> (To be confirmed)			

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March			
	<u>Content</u>	<u>Arizona State Standard(s)</u>	<u>Resources</u>
<u>Reading</u>	Theme 5: Good Neighbors, cont.: Identify fact and opinion; Identify main idea and supporting details; Use reference and resource materials; Use and spell compound words	S1C4PO5; S2C1PO7; S3C1PO1-5* (The reading process is taught daily, throughout the curriculum.)	
<u>Writing</u>	Write personal narratives, letters, and news articles; Use verbs correctly (action, main/helping, present and past tense, irregular); Spell words with VCCV, VCV, ed, ing, tion, sion	S2C6PO8,11; S3C1PO1-2; S3C3PO1-3* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	Ch. 17, 18, 22: Measure length, capacity, weight, temperature, perimeter, and area; <u>AIMS Review</u>	S1C3PO1-5; S4C4PO1,4-10*	Measuring activity Sample AIMS math questions
<u>Science</u>	<u>Ecosystems</u> : Explore components of ecosystems and their interactions; Describe how organisms and environments affect each other	S4C3PO1-5* (Strands 1-3 are incorporated throughout the year.)	National Geographic: Habitats Fun with food webs Activity: Eagle eggs and DDT
<u>Social Studies</u>	Explore ways humans depend on and impact the earth; Describe ways of protecting natural resources	S4C5PO1-3; S4C6PO1-2*	
<u>Technology</u>	Use word processing to create a document; Use editing tools; Insert a graphic into a document; Use a pre-designed template to publish a document	Standard 3T-F1, PO1-2; 3T-F3, PO1	Microsoft Word templates for news articles or brochures
<u>Field Trips</u> (To be confirmed)			

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April			
	<u>Content</u>	<u>Arizona State Standard(s)</u>	<u>Resources</u>
<u>Reading</u>	Theme 6: Celebrate Our World: Understand cause and effect; Use graphic aids to comprehend text; Locate information using resources; Use and spell contractions	S1C4PO4; S1C6PO5; S2C1PO4; S3C1PO3-5* (The reading process is taught daily, throughout the curriculum.)	
<u>Writing</u>	Write poetry and imaginative stories; Use the verb "be"; Use adverbs correctly; Spell words with suffixes, change y to i pattern; ever, al, le	S2C6PO8,11; S3C1PO1-2* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	AIMS Testing; Ch. 29-30: Multiply with 2- and 3-digit numbers; Divide with remainders; Divide with 2- and 3-digit numbers	S1C2PO5-8,10,15*	
<u>Science</u>	<u>Rocks, Minerals, and Fossils</u> : Identify and classify rocks based on how they are formed; Describe ways people use earth materials; Describe how fossils are formed	S6C1PO1-6* (Strands 1-3 are incorporated throughout the year.)	Earth's layers lesson
			Finding fossils
			Rocks and minerals web quest
<u>Social Studies</u>	None		
<u>Technology</u>	Locate information using the Internet; Participate in Web quests	Standard 1T-F2, PO2-3; 5T-F1, PO1-2	Rocks and minerals web quest
<u>Field Trips</u> (To be confirmed)			

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May			
	<u>Content</u>	<u>Arizona State Standard(s)</u>	<u>Resources</u>
<u>Reading</u>	Theme 6: Celebrate Our World, cont.: Understand cause and effect; Use graphic aids to comprehend text; Locate information using resources; Use and spell contractions	S1C4PO4; S1C6PO5; S2C1PO4; S3C1PO3-5* (The reading process is taught daily, throughout the curriculum.)	
<u>Writing</u>	Write persuasive text, newsletters, and news articles; Use the verb "be"; Use adverbs correctly; Spell words with suffixes, change y to i pattern; ever, al, le	S2C6PO8,11; S3C3PO1; S3C4PO1* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	Review and extension of key concepts; Real life applications; Problem-solving	Standards	
<u>Science</u>	None		
<u>Social Studies</u>	<u>Economics</u> : Discuss the economics of wants and needs, goods and services, and imports and exports; Discuss ways to earn money; Discuss personal finance	S5C1PO1-6; S5C2PO1; S5C5PO1*	
<u>Technology</u>	Plan and create a multimedia presentation to advertise a product; Show the presentation to an audience	Standard 3T-F3, PO2; 4T-F2, PO1	
<u>Field Trips</u> (To be confirmed)			

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