

1st 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 all letters and sounds; Read words with short vowels (a, i); <i>Short Vowel</i> song and video; Practice decoding strategies; Sequence events in a selection	S1C2PO1-8 ; S1C3PO1-7 ; S2C1PO3* (The reading process is taught daily, throughout the curriculum.)	
<u>Writing</u>	Write personal narratives and stories; Level 1 writing: sentence format; Use a circle map to brainstorm ideas; Use a tree map to organize and write 3 sentences using a verb; Focus: word choice and organization	S2C2PO1-3 ; S2C4PO1-3 ; S2C5PO1 ; S3C1PO1-2* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	Ch. 1-3: Model addition; Add numbers to 10; Add numbers vertically; Model subtraction; Create and solve addition and subtraction word problems	S1C2PO1-3,12,13 ; S3C3PO2 ; S5C1PO1 ; S5C2PO1*	
<u>Science</u>	Compare objects using the five senses; Observe, ask questions, and make predictions; Use hand lenses to observe ants; Identify characteristics of a desert	S1C1PO1-3 ; S4C3PO2* (Strands 1-3 are incorporated throughout the year.)	Animals of Africa
<u>Social Studies</u>	Create a class respect video; Compare how people lived in the past to how people live today; Introduce the Mayan culture: temples, dress, daily life, homes	S1C2PO1-2 ; S3C4PO1-3 ; S4C4PO1*	
<u>Technology</u>	Introduce the technology in the classroom (i.e. SMART Board); Identify and use computer components; Use technology respectfully, safely, and ethically	Standard 1T-F1, PO1 ; 1T-F2, PO1 ; 1T-F3, PO1 ; 2T-F1, PO1 ; 2T-F2, PO1-2	
<u>Field Trips</u> (To be confirmed)			

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

1st Grade Curriculum Map 2008-2009

Scales Technology Academy

September			
	<u>Content</u>	<u>Arizona State Standard(s)</u>	<u>Resources</u>
<u>Reading</u>	Read words with short vowels (o, e) and /ck/; <i>Short Vowel</i> song and video; Make and confirm predictions; Draw conclusions; Make inferences, Create mental images; Identify setting	S1C2PO5 ; S1C6PO1 ; S2C1PO1-4 ; S3C1PO2* (The reading process is taught daily, throughout the curriculum.)	
<u>Writing</u>	Write personal narratives and stories; Level one writing: ideas and the writing process; Begin combining sentences with 'and'	S2C1PO1-2 ; S2C5PO1 ; S3C1PO1-2* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	Ch. 4-6: Subtract numbers up to 10; Use strategies to practice addition up to 10; Demonstrate the identity and commutative properties of addition; Double numbers	S1C2PO1-3,6,10,12 ; S3C3PO2*	
<u>Science</u>	Conduct an experiment using celery, Use a thermometer, Take a nature walk to discover items; Understand that plant stems and tree trunks provide support; Describe types of soil	S1C1-4 , all POs; S4C1PO2 ; S6C1PO1* (Strands 1-3 are incorporated throughout the year.)	Dirt Made My Lunch song Soiled Again web quest
<u>Social Studies</u>	Continue studying Mayan culture: agriculture, hieroglyphs, calendar; Introduce geography	S1C2PO1-2 ; S4C1PO1 ; S4C4PO1*	
<u>Technology</u>	Introduce various applications to be used throughout the year; Use Inspiration to publish a document	Standard 3T-F3, PO1	
<u>Field Trips</u> (To be confirmed)			

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

1st Grade Curriculum Map 2008-2009

Scales Technology Academy

October			
	<u>Content</u>	<u>Arizona State Standard(s)</u>	<u>Resources</u>
<u>Reading</u>	Read words with short vowel (u) and digraph /th/; <i>Short Vowel</i> song and video; Use word bits and parts to decode; Reread to improve comprehension; Identify cause and effect, details, and characters	S1C2PO1-8 ; S1C3PO1 ; S3C1PO1-3* <i>(The reading process is taught daily, throughout the curriculum.)</i>	
<u>Writing</u>	Write personal narratives, stories, and letters; Level one writing: combining sentences with 'and'; Focus on ideas, sentence fluency, and word choice	S2C1PO1-2 ; S2C4PO1-3 ; S2C5PO1 ; S3C1PO1-2 ; S3C3PO1-2* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	Ch. 7-8: Use a number line to count back; Identify addition and subtraction as inverse operations; Understand and use fact families to 10; Practice subtraction to 10	S1C2PO3,6,9,11,13 ; S3C3PO2 ; S3C4PO2*	
<u>Science</u>	Classify desert animals based on what time of day they are active; Explore frogs in the desert habitat; Identify, describe, and compare objects in the sky	S4C3PO1-3 ; S6C2PO1-3* (Strands 1-3 are incorporated throughout the year.)	
<u>Social Studies</u>	Geography, cont.: Interpret maps using compass rose, map symbols, and key/legend, Make a map of the classroom; Economics: Discuss wants and needs	S4C1PO1-3 ; S5C1PO1-6 ; S5C5PO1*	
<u>Technology</u>	Use Inspiration and Pixie to publish documents; Use a launch page to locate information; Complete a Web quest exploring objects in the sky	Standard 1T-F2, PO2 ; 3T-F3, PO1 ; 5T-F1, PO2	
<u>Field Trips</u> (To be confirmed)	Desert Botanical Garden	S4C3PO1-3*	Desert Botanical Garden website

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

1st Grade Curriculum Map 2008-2009

Scales Technology Academy

November			
	<u>Content</u>	<u>Arizona State Standard(s)</u>	<u>Resources</u>
<u>Reading</u>	Read words with digraphs th, sh, ch, and tch; Read nonfiction and realistic fiction; Identify details and characters; Predict outcomes; Read aloud and self-correct	S1C3PO1 ; S1C5PO1-2 ; S1C6PO1 ; S2C1PO1-4 ; S3C1PO1-3* (The reading process is taught daily, throughout the curriculum.)	
<u>Writing</u>	Write personal narratives, stories, and letters; Level one writing: organization of ideas; Begin level two writing: use a flow map (first, next, then, last)	S2C2PO1-3 ; S3C1PO1-2 ; S3C3PO1-2* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	Ch. 9-11: Collect, organize, graph, and analyze data; Interpret graphs, charts, and tables; Model, write, compare, and order numbers up to 100; Use a number line	S1C1PO1-9,11,13 ; S2C1PO1-6 ; S4C1PO4 ; S5C2PO2*	
<u>Science</u>	Use a microscope; Understand that lungs and gills are used for respiration; Explore characteristics of butterflies; Describe ocean and desert habitats; Describe how to stay healthy	S1C2PO3 ; S4C1PO1-3 ; S4C3PO1-3* (Strands 1-3 are incorporated throughout the year.)	A butterfly's home
<u>Social Studies</u>	Introduce Egyptian culture: architecture, dress, daily life, religion	S2C2PO1-2 ; S4C4PO1*	
<u>Technology</u>	Use Word to type and edit spelling words; Use Pixie to stamp pictures for problem-solving in math	Standard 3T-F1, PO1-2	
<u>Field Trips</u> (To be confirmed)			

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

1st Grade Curriculum Map 2008-2009

Scales Technology Academy

December			
	<u>Content</u>	<u>Arizona State Standard(s)</u>	<u>Resources</u>
<u>Reading</u>	Read words with word endings (-s, -ed, -ing) and patterns (qu, wh, ar, er, ir, ur); <i>Q and U are Friends</i> song and video; Read biographies and fantasies; Identify setting; Make inferences; Sequence events	S1C3PO1-2 ; S1C4PO1 ; S2C1PO1-4 ; S3C1PO1-3* (The reading process is taught daily, throughout the curriculum.)	
<u>Writing</u>	Write personal narratives, stories, and simple reports; Level two writing: word choice, sentence fluency, voice	S2C3PO1 ; S2C4PO1-3 ; S2C5PO1 ; S3C1PO1-2 ; S3C6PO1* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	Ch. 12-13: Skip count by 2s, 5s, and 10s; Find patterns on a hundred chart; Classify even and odd numbers; Use ordinal numbers; Practice addition and subtraction	S1C1PO5,10,12 ; S1C2PO3,5,8*	
<u>Science</u>	Give examples of how people use science daily; Identify inventors of the past; Understand how animals use camouflage for protection; Describe & compare rocks	S2C1PO1-2 ; S4C1PO1-3 ; S6C1PO1-3* (Strands 1-3 are incorporated throughout the year.)	People and Discoveries
<u>Social Studies</u>	Continue studying Egyptian culture: agriculture, writing (hieroglyphics), mummies; Use timelines to research people and events from the past	S1&2C1PO1-3 ; S2C2PO1-3 ; S4C4PO1*	
<u>Technology</u>	Use the internet to locate information on Egypt; Create a multimedia product using iMovie slide shows; Use Word to type and edit spelling/power words	Standard 1T-F2, PO3 ; 3T-F1, PO1 ; 3T-F3, PO2 ; 4T-F2, PO1 ; 5T-F1, PO1-2	
<u>Field Trips</u> (To be confirmed)			

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

1st Grade Curriculum Map 2008-2009

Scales Technology Academy

January			
	<u>Content</u>	<u>Arizona State Standard(s)</u>	<u>Resources</u>
<u>Reading</u>	Read words with le, er, est, ow, oa, e, ee, ea, a, a-e; <i>Long Vowels</i> song and video; Alphabetize and categorize words; Read fables; Summarize stories; Make and confirm predictions; Identify fact and fiction	S1C1PO1 ; S1C2PO5 ; S1C3PO1 ; S1C4PO2 ; S1C6PO1 ; S2C1PO1,4* (The reading process is taught daily, throughout the curriculum.)	
<u>Writing</u>	Write expository text; Level two writing: voice, ideas, sentence fluency; Begin level three writing: Use a multi-flow map to explain why	S2C1PO1-2 ; S2C3PO1 ; S2C5PO1 ; S3C2PO1-2* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	Ch. 14-16: Use fact families up to 12; Find sums and differences up to 12; Find missing numbers; Describe, sort, and draw plane shapes; Identify symmetry	S1C2PO2,3,9,11,12 ; S3C3PO1 ; S3C4PO1 ; S4C1PO1-6 ; S4C2PO1*	Moving shapes about
<u>Science</u>	Record data using a science log; Understand that legs and wings are used for movement; Compare cat families; Classify shells by various properties	S1C2PO4 ; S4C1PO2-3 ; S5C1PO1 ; S5C2PO1* (Strands 1-3 are incorporated throughout the year.)	
<u>Social Studies</u>	Define patriotism; Discuss the significance of national holidays; Geography: Locate physical and human features on a map, Explore maps of the U.S.	S3C1PO1,5 ; S4C1PO4-6 ; S4C2PO1-4*	
<u>Technology</u>	Type writing projects; Save, retrieve, and print documents; Use Pixie to draw and label pictures; Use a digital camera; Insert pictures into a PowerPoint presentation	Standard 1T-F3, PO2-3 ; 3T-F1, PO2	
<u>Field Trips</u> (To be confirmed)	Arizona Science Center		Arizona Science Center website

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

1st Grade Curriculum Map 2008-2009

Scales Technology Academy

February			
	<u>Content</u>	<u>Arizona State Standard(s)</u>	<u>Resources</u>
<u>Reading</u>	Read words with /e/ y, i-e, /s/ c, ow, and ou; <i>Long Vowels</i> song and video; Read science fiction; Create mental images; Read aloud	S1C2PO5 ; S1C3PO1 ; S1C5PO1-2 ; S2C1PO4* (The reading process is taught daily, throughout the curriculum.)	
<u>Writing</u>	Write expository text; Level three writing: organization, voice, word choice	S2C2PO1-3 ; S2C3PO1 ; S2C4PO1-3 ; S3C2PO1-2* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	Ch. 17-19: Describe, extend, correct, and transfer patterns; Use strategies (doubles, fact families) to add; Use a number line to count back	S1C1PO8 ; S1C2PO1,3,5,9-11 ; S1C3PO1 ; S3C1PO1-3*	
<u>Science</u>	Identify inventors of the present; Explore robots; Describe tools for observation and measurement; Describe the desert landscape; Identify ways to recycle and reuse; Understand weather conditions	S2C1PO2 ; S3C2PO1-2 ; S4C3PO2 ; S6C1PO5 ; S6C3PO1-2* (Strands 1-3 are incorporated throughout the year.)	People and Discoveries Air and weather module Wild wild weather
<u>Social Studies</u>	Recognize people who supported rights and freedoms in the U.S. (Parks, Chavez, King Jr.); Introduce Native Americans of the Southwest	S1C3PO1-3 ; S1C9PO1*	
<u>Technology</u>	Take pictures of a community walk using a digital camera; Use Pixie to design a robot; Create a circle map using Inspiration	Standard 3T-F3, PO1-2 ; 4T-F2, PO1	
<u>Field Trips</u> (To be confirmed)			

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

1st Grade Curriculum Map 2008-2009

Scales Technology Academy

March			
	<u>Content</u>	<u>Arizona State Standard(s)</u>	<u>Resources</u>
<u>Reading</u>	Read words with /y/, /o/, o-e, and igh; <i>Long Vowels</i> song and video; Alphabetize words; Identify cause and effect; Retell the plot of a story; Create mental images	S1C1PO1 ; S1C2PO5 ; S1C3PO1 ; S2C1PO1,3* (The reading process is taught daily, throughout the curriculum.)	
<u>Writing</u>	Write personal narratives, stories, and simple reports; Level three writing: ideas, organization, voice, sentence fluency	S2C1PO1-2 ; S2C2PO1-3 ; S2C3PO1 ; S2C5PO1 ; S3C1PO1-2 ; S3C6PO1* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	Ch. 20-21: Practice addition and subtraction facts; Solve word problems; Use fact families to 20; Model, identify, add, and subtract halves	S1C1PO14-15 ; S1C2PO1,2,5,7,9,11,14,15*	
<u>Science</u>	Understand animal life cycles; Explore characteristics of insects; Describe characteristics of a forest habitat; Identify seasonal weather patterns	S4C2PO2 ; S4C3PO1-3 ; S6C3PO1* (Strands 1-3 are incorporated throughout the year.)	
<u>Social Studies</u>	Continue studying Native American culture: music, storytelling, agriculture, dwellings, petroglyphs, respect for the earth, jewelry	S1C3PO1-3 ; S4C4PO1*	
<u>Technology</u>	Use the internet to identify and evaluate the validity of sources of information; Research Native Americans of the Southwest and cite sources	Standard 5T-F1, PO1-2	
<u>Field Trips</u> (To be confirmed)			

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

1st Grade Curriculum Map 2008-2009

Scales Technology Academy

April			
	<u>Content</u>	<u>Arizona State Standard(s)</u>	<u>Resources</u>
<u>Reading</u>	Read words with /o/, ve, /d/, re, /j/, /g/, and dge; Read fiction and nonfiction selections; Identify main idea, cause, and effect; Read aloud, reread, and self-correct	S1C3PO1 ; S1C5PO1-2 ; S2C1PO1-4* (The reading process is taught daily, throughout the curriculum.)	
<u>Writing</u>	Write personal narratives and stories; Level four writing: use adjectives, combine 2-3 ideas using 'and', voice, ideas, word choice	S2C1PO1-2 ; S2C3PO1 ; S2C4PO1-3 ; S3C1PO1-2* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	Ch. 22-25: Identify, compare, and count coins to \$1.00; Find equivalent amounts of money; Tell time to the hour; Name the days and months; Use a calendar	S1C1PO16-18 ; S4C4PO3-6*	
<u>Science</u>	Understand animal and plant features used for protection; Compare and contrast animals and their parents; Describe characteristics of a prairie habitat	S4C1PO2 ; S4C2PO1-2 ; S4C3PO1-3* (Strands 1-3 are incorporated throughout the year.)	Animals two by two
<u>Social Studies</u>	Explore imperialism (England and Spain); Discuss the U.S. post-World War II; Understand the foundations of government; Recognize state symbols of Arizona	S1C3PO4-5 ; S1C9PO1 ; S2C5PO1 ; S3C1PO1-7*	
<u>Technology</u>	Create and present multimedia products using: iMovie, Photo Booth, digital cameras, other iLife applications	Standard 3T-F3, PO2 ; 4T-F2, PO1	
<u>Field Trips</u> (To be confirmed)	Fry's Smart Shopper		Field Trip Factory: Smart Shopper information

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

1st Grade Curriculum Map 2008-2009

Scales Technology Academy

May			
	<u>Content</u>	<u>Arizona State Standard(s)</u>	<u>Resources</u>
<u>Reading</u>	Read words with u-e, /e/ ea, er, est, ed, ing, and /oo/; Use phonics to decode; Read and summarize informational text; Predict outcomes; Make inferences; Identify plot & main idea; Sequence events	S1C3PO1-7 ; S1C6PO1 ; S2C1PO3 ; S3C1PO1-3* (The reading process is taught daily, throughout the curriculum.)	
<u>Writing</u>	Write personal narratives, stories, and expository text; Level four writing: ideas, voice, word choice	S2C1PO1-2 ; S2C3PO1 ; S2C4PO1-3 ; S3C1PO1-2 ; S3C2PO1-2* (Strands 1 & 2 are taught continuously.)	
<u>Math</u>	Ch. 26-29 : Measure length, capacity, and weight; Use mental math; Add and subtract money; Make combinations using 2 sets of items; Color vertex-edge graphs	S1C2PO4,5,16 ; S1C3PO1-2 ; S2C3PO1 ; S2C4PO1 ; S4C1PO3 ; S4C4PO1,2,7*	Measure it activity
<u>Science</u>	Classify solids and liquids; Compare and contrast basic Earth materials; Identify natural resources; Understand the water cycle and the life of a river; Explore clouds	S5C1PO2 ; S6C1PO1-5 ; S6C2PO2-3* (Strands 1-3 are incorporated throughout the year.)	Solids and liquids module Pebbles, sand, and silt module
<u>Social Studies</u>	Identify the current President of the U.S. and governor of Arizona; Discuss current events in the classroom, Tempe, Arizona, U.S., and world	S1C10PO1 ; S2C9PO1 ; S3C2PO1 ; S4C6PO2*	
<u>Technology</u>	Discuss the uses and impact of technology in daily life; Use technology to sketch/draw and build beds; Evaluate the effectiveness of the project	Standard 2T-F3, PO1-2	
<u>Field Trips</u> (To be confirmed)			

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