

K4 Scope and Sequence

Revised edition 2010-11

Unit 1: The Sidewalk to My House

School Days: Welcome; Classroom; Begin with A; Being Kind and Polite; Let's Play

Phonemic Awareness: A,B

Language Arts, Science, Social Studies: taking turns; helping; calendar date; name recognition; personal space; classroom rules; weather conditions; participating in action rhymes; color *red*

Math: up, down; front, back; top, middle, bottom; traffic light colors; first, next, last

All About Me: Who Am I?; My Birthday; I Can Work; My Shadow; My Friend

Phonemic Awareness: C,D,E,F

Language Arts, Science, Social Studies: manners; color *blue*; matching letters to names; created by God; cultural diversity; birthdays; sequencing; appreciating our bodies; working; rhyming; sequencing A-D; shadows; experience story

Math: alike, different; sorting by color; circle; up, down; front, back; sorting by size number recognition 1; sorting by shape; counting down; more, fewer

Fun with the Gingerbread Man: I Can Hear; I Can Smell; I Can See; I Can Taste; I Can Touch

Phonemic Awareness: review A-F; G,H,I

Language Arts, Science, Social Studies: color *yellow*; awareness of self; uniqueness as God's creation; five senses: hearing; smell, sight, taste, touch; alike and different; sequencing a story

Math: over, under; square; number 2 recognition; sets of 1-2; inside, outside; on, off; top, middle, bottom; sequencing events; before, after, middle; sequencing three colors

My Family and My Pets: My Parents; Brothers and Sisters; Grandparents' Day; My Pet Dog; My Pet Cat

Phonemic Awareness: J, K, L; review A-L

Language Arts, Science, Social Studies: parents, grandparents, family, brothers and sisters; discerning sounds; caring for animals; color: *green*

Math: big, little; large, small; more, fewer; number recognition 3; counting sets; long, short, tall; circle, square, triangle; start on signal

Unit 2: Neighborhood Streets

My Community: Police Officer; Firefighter; Doctor; Dentist; Mayor

Phonemic Awareness: M, N, review A-N, O, P

Language Arts, Science, Social Studies: color *orange*; police officer; traffic light; firefighter; fire safety; doctor, nurse, EMT's; following directions; dentist; dental care; matching; mayor; city hall; map reading

Math: sorting by category; rectangle; square; review 1,2,3; big, small; tall, short

Transportation: Buses; Cars and Trucks; Boats; Airplanes; Trains

Phonemic Awareness: A-P review; Q, R, S

Language Arts, Science, Social Studies: color *purple*; buses, alphabetical order; cars, trucks; transportation safety; boats, color recognition; sink, float; aircraft; flying; trains

Unit 3: Going Places in Books

Fables, Tales, and Rhymes: Uncle Tim's Race; The Three Little Pigs; Goldilocks and the Three Bears; Hey Diddle Diddle; Humpty Dumpty

Phonemic Awareness: T, U, V; review A-V

Language Arts, Science, Social Studies: color: *brown*; plant growth; matching letters participating in acting out a story; rhyming words; nursery rhymes; matching letters

Math: number recognition 5; oval; left, right; large, small; one-to-one correspondence; number recognition 0; concept *zero*

Favorite Books: The Caterpillar Book; The Mouse Book: The Rhyming Book; The Seeing Book; The Bear's Honey Pot

Phonemic Awareness: W, X, Y, Z; review A-Z

Language Arts, Science, Social Studies: colors: *black, white*; literature; stages of caterpillar development; cause and effect; matching letters; creative writing; identification of animal sounds; facial expressions; predicting logical steps in a story

Math: daytime, nighttime; crescent; sets 0-5; ordinals first – third; number recognition 6; patterning by color

At the Library: The Library; History Books; Science Books; Cookbooks; Informational Books

Phonemic Awareness: Aa /a/; B /b/

Language Arts, Science, Social Studies: library; history books; family history; science books; science experiments; cookbooks; following directions; rhyming informational books; culture; rhythm

Math: shapes; one-to-one correspondence; number 7 recognition; identifying shape patterns; morning, noon, afternoon, evening; shapes; counting to 10; left and right

Unit 4: Along Autumn Trails

Apple Trees and Colored Leaves: Picking Apples; Little Red Hen; Applesauce; Fall's in the Air; Colored Leaves

Phonemic Awareness: Cc /c/; review Aa – Cc

Language Arts, Science, Social Studies: sense of taste; exploration; observation; up, down; hot, cold; seasons; teaspoon, tablespoon, cup; sequencing pictures; seasonal changes; fall; color changes

Math: estimating height; length and quantity; alike, different; number recognition 8; inside, outside; more, fewer; octagon; pattern by shape; graphing; counting sets

In The Pumpkin Patch: How Pumpkins Grow; Pumpkin Fun; Story of the Pumpkins; Scarecrows; Scarecrow Fun

Phonemic Awareness: Dd /d/ review Aa – Dd

Language Arts, Science, Social Studies: observation and exploration of living things; life cycle of a pumpkin; rhyming words; examining a pumpkin; arranging by size; sink, float; scarecrows; group writing experience; word substitution

Unit 5: Paths Long Ago

Native Americans: The First Americans; Native American homes, families, dress, food

Phonemic Awareness: Ee /e/; Aa – Ee review

Prereading, Science, Social Studies: The first Americans; Native American homes and symbols; retelling a story; Native American dress, families; group writing experience; Native American food; senses: taste

Math: number recognition 10; more, fewer; measurement; patterning; sequencing numbers 1-6; small, medium, large; sequencing 1-10; counting

Eager Beavers: beginning sounds /a/ - /e/; word families _ad, _ed; vowels a, e; beginning sound /d/

The First Thanksgiving: The Pilgrims Loved god; The Pilgrims Voyage; Indian Friends; Pilgrims Give Thanks; Thanksgiving Day

Phonemic Awareness: Ff /f/ review Aa – Ff

Prereading, Science, Social Studies: Pilgrims; knowledge of history; left, right; matching letters; group writing experience; the first Thanksgiving; Thanksgiving traditions

Math: cone shape; number 11; place value; sorting by color; past, present, future; ordinals; classifying by quantity; number 11; making sets to represent numbers; ordinals first – sixth

Eager Beavers: beginning sounds /f/, /b/, /c/; reading sentences

Unit 6: Step by Step in Science

Science: Sound, Light, Magnets, Gravity, Measurement

Phonemic Awareness: Gg /g/; review Aa – Gg

Prereading, Science, Social Studies: sound; light; color; uses and strengths of magnets; listening for facts; group writing experience; gravity; measurement: weight, weight comparison

Math: number recognition 12; dozen; inches; review 1-12; patterning large and small; sort by size; arrange by ascending and descending size

Eager Beavers: sounds that are different; beginning sounds /d/, /f/, /g/; review beginning sounds /a/ - /g/

What's In Space: Spacecraft; Astronauts; The Sun; The Moon; Stars

Phonemic Awareness: Hh /h/; review Aa – Hh

Prereading, Science, Social Studies: spacecraft; Mission Control; astronauts; sun; moon; group writing experience; stars

Math: near, far; matching sets and numbers to 10; sequencing; bar graph; counting down from 10; sphere; review 1-12; shape: star; ordinals

Eager Beavers: ending sounds /b/, /d/, /f/, /g/

Unit 7: Sparkling Streets

Christmas Is Coming: What is Christmas?; Christmas at Church; Christmas Around Town; Christmas at School; Christmas Means Giving

Phonemic Awareness: review letters and sounds

Prereading, Science, Social Studies: Christmas traditions; duration of time; group writing experience; giving

Math: big, bigger, biggest; tall, taller, tallest; one-to-one correspondence; review 2,3,4,5

Eager Beavers: review beginning sounds /a/ - /d/; ending sounds /b/, /d/

Christmas at My House: Our Christmas Tree; Our Christmas Decorations; Christmas Cards and Gifts; Christmas Party

Phonemic Awareness: review letters and sounds

Prereading, Science, Social Studies: Christmas traditions; group writing experience

Math: before, after, between; long, short; rectangle; pattern by shape; less than, greater than; review ordinals first – sixth; review 6 – 10; sequencing numbers

Eager Beavers: review of beginning sounds /a/ - /h/; review ending sounds /b/, /d/, /f/, /g/

Unit 8: Footsteps in the Snow

Fun in the Snow: Dressing Warm; What is Frost?; It's Snowing!; Sleet and Ice; Building a Snowman

Phonemic Awareness: li /i/ ; review Aa –li

Prereading, Science, Social Studies: winter; sight; frost; snowflakes; sleet, ice; opposites; community helpers; group writing experience; seasons

Math: graphing; counting down; patterning by color; one-to-one correspondence; patterning by shape and size; large, small; shape: diamond

Eager Beavers: review beginning sounds /a/-/i/ and ending sounds /b/, /d/, /g/; rhyming

Cold-Climate Animals: Penguins, Polar Bears; Seals; Moose; Huskies

Phonemic Awareness: Jj /j/; review Aa - Ll

Prereading, Science; Social Studies: penguins; color: gray; polar bears; seals; moose; group writing experience; huskies

Math: ordinals first – eighth; estimating quantity; sorting; sets 1-12; counting; number order; alike and different; graphing

Eager Beavers: beginning sound /j/; identifying names; reading the word *dad*;
Reader 1: Dad

Animal Homes: Nests; Beehives; Burrows, Lodges; Webs

Phonemic Awareness: Kk; /k/

Prereading, Science, Social Studies: nests, beehives, burrows, lodges, group writing experience; webs

Math: penny; whole, half, part; review ordinals first – eighth; comparing and contrasting by size; one-to-one correspondence; comparing and contrasting by size; grouping by tens; estimation; counting 100

Eager Beavers: review beginning sounds /a/ -/k/; word family *_ad*; review ending sounds /b/, /d/, /g/, /k/; *dad, had, bad*

Unit 9: March Across the Country

I Love America!: Flag and Fireworks; Our Presidents; Sing About America; Symbols of Our Country; Red, White, and Blue Parade

Phonemic Awareness: Ll; /l/; review Aa-Ll

Prereading, Science, Social Studies: America; American flag; fireworks; presidents; patriotic songs; Statue of Liberty; bald eagle; group writing experience; patriotic symbols

Math: numbers and dot patterns to 10; counting sets; pennies; sets of ten; dollar; estimation; shapes; number recognition for 12; sorting by category

Eager Beavers: ending sounds /b/,/d/,/f/,/g/,/k/,/l/; reading sentences;
Reader 2: *Toolbox*

In the Mail: Addressing Mail; Picking Up Mail; Sorting Mail; Receiving Mail; Post Office

Phonemic Awareness: Mm /m/; review Aa-Mm

Prereading, Science, Social Studies: knowing home address; mail system; letter carrier; post office; receiving mail; stamps; group writing experience

Math: shape: heart; contrasting pink and red; joining sets; pennies; one-to-one correspondence; weight in pounds; light, heavy; counting 1-30; matching colors

Eager Beavers: ending sounds; word family *_ad*; beginning sounds /a/-/m/; service word *a*

Unit 10: Cowboy Boots and Clown Shoes

Cowboy Boots: Cowboys on the Ranch; Cowboy Gear; Cowboys on the trail; Cowboy Grub and Campfire; Rodeo

Phonemic Awareness: Nn /n/; review Aa-Nn

Prereading, Science, Social Studies: cowboys; cowboy gear and clothing; trail drives; campfire songs; cowboy food; group writing experience; rodeos; horseshoes

Math: ordinals: first – ninth; nickel; counting down from 5; sets of 5; numbers before and after; coins; objects that do not belong in a set; addition

Eager Beavers: ending sounds /a/-/n/; word families *_an* and *_ad*; reading sentences; review Readers 1-2; Reader 3: *Dan*

Clown Shoes: A clown's Job; Clown Clothes; Clown Faces; Clown Acts; Clown Day

Phonemic Awareness: Oo /o/; review Aa-Oo

Prereading, Science, Social Studies: clowns clothes, faces; emotions; group writing experience; Clown Day

Math: quarter; numbers 1-12; counting sets; shape and color review; number memory; number recognition; drawing a square; introducing a cube

Eager Beavers: word family *_an*; reading sentences

Unit 11: Following Animal Tracks

Dinosaurs: What are Dinosaurs?; Stegosaurus; Oviraptors; Pteranodons; Tyrannosaurus rex

Phonemic Awareness: Pp /p/; Qq /q/

Prereading, Science, Social Studies: dinosaurs; paleontologists; dinosaur bones and fossils

Math: past, present; simple subtraction; colors; numbers 1-12; dozen; counting sets; position words

Eager Beavers: word families *_an*; *_ap*; Reader 4 : *Nan*

On the Farm: Oink! Oink!; Moo! Moo!; Baa! Baa!; Cluck! Cluck!; Maa! Maa!

Phonemic Awareness: Rr /r/; Aa-Rr

Prereading, Science, Social Studies: farms; pigs; cows; sheep; hens; group writing experience; goats

Math: number 5; one-to-one correspondence; graphing; drawing a line; making sets to represent numbers; more, fewer; drawing a rectangle

Eager Beavers: beginning sounds /a/-/r/; rhyming; ending sounds /b/,/d/,/f/,/g/,/l/, /m/, /n/, /p/, /r/; word family *_in*; vowel *i*

Zoo Animals: Elephants; Monkeys and Gorillas; Giraffes and Zebras; Kangaroos and Koalas; Lions and Tigers

Phonemic Awareness: Ss /s/ ; review Aa-Ss

Prereading, Science, Social Studies: zoos; elephants; monkeys; gorillas; giraffes; zebras; kangaroos, koalas; group writing experience; lions, tigers; zookeepers

Math: telling time to the hour; recognize the terms *hour*, *minute*; numbers 1-12 matching numbers and sets; tall, taller, tallest; cone; drawing a triangle

Eager Beavers: service word *is*; color words; word family *_in*; beginning sounds /a/-/s/

Unit 12: Between the Garden Rows

Spring at the Pond: It's Spring!; Spring Rain; The Wind; Ducks and Fish; Turtles and Frogs

Phonemic Awareness: Tt /t/; review Aa-Tt

Prereading, Science, Social Studies: seasons; signs of spring; rain; wind; ducks; fish; group writing experience; turtles; frogs

Math: sequencing three colors; volume; more, less; sets; subtraction; numbers 1-12

Eager Beavers: word family *_ot*; vowel *o*; service word *is*; reading sentences; Reader 5: *Dot*

From Garden To Market: Mr. McGregor's Garden; Planting the Garden; The Plants Grow; Ready to Pick; The Grocery Store

Phonemic Awareness: Uu /u/; Vv /v/

Prereading, Science, Social Studies: vegetables; parts of a plant; literature: *The Tale of Peter Rabbit*; life cycle of a plant; grocery stores

Math: first, middle, last; one-to-one correspondence; ordinals first – tenth; measurement; pounds; cylinder shape

Eager Beavers: beginning sounds /a/-/u/; word family *_ug*; service words *a*, *the*

Garden Friends: Earthworms; Praying Mantises; Ladybugs; Caterpillars and Butterflies; Bees

Phonemic Awareness: Ww /w/; Xx /x/

Prereading, Science, Social Studies: earthworms, praying mantises; ladybugs; position words; caterpillars; butterflies; life cycle of a butterfly; bees; pollination

Math: identifying numbers 1-20; sequencing numbers; bar graph; picture graph; sequencing dot patterns; telling time on the hour; greater than, less than; equal, not equal; drawing a triangle, square, circle, rectangle

Eager Beavers: service word *the*; word family *_up*; reading sentences; Reader 6: *The Pup*

Unit 13: Dusty Barefoot Paths

Let's Go Camping!: Packing; Setting Up Camp; Campfire; Hiking; Fishing

Phonemic Awareness: Yy /y/; Zz /z/

Prereading, Science, Social Studies: camping; packing; setting up camp; hiking; fishing

Math: sorting; shapes; subtraction; estimation of height and length; inch measurement; sorting by weight

Eager Beavers: word family *_ax* and *_et*; rhyming; ending sounds; vowel *e*; review all vowels

Let's Go to the Beach!: At the Beach; Boat Ride; The Aquarium; Fun on the Beach; Sandcastles, Seashells, and Hermit Crabs

Phonemic Awareness: review Aa-Oo

Prereading, Science, Social Studies: beach; seashore; driftwood; starfish; dolphins; waves; sea turtles; sink and float; aquarium; beach activities; sandcastles; hermit crabs; salt water; fresh water; seashells

Math: one-to-one correspondence; counting sets; more than, fewer than; telling time to the hour; far and near; sorting by shape, color, size, pattern

Eager Beavers: beginning sounds /t/-/y/; ending sounds /t/, /x/; word families *_ax, _et*; service words *is, a*; Reader 7: *Max*

In the Backyard: Toby's Plan; Sidney and Sophie's Surprise; Fun for Honey; Max's Mission; Max's Picnic

Phonemic Awareness: review Pp – Zz

Prereading, Science, Social Studies: group writing experience; prepare for graduation Program

Math: subtraction; recognizing numbers to 20; review shapes