



2016-2017 Second Grade Curriculum Map

The followings are general topic areas and intended timelines for instruction.

The topics and resources listed are only samples, not a complete listing. Topics listed may occur earlier or later than indicated.

	Chinese Language Arts	Math	Social Studies	Science
September	Home, Sweet Home <ul style="list-style-type: none">Understand story development: beginning, middle, and endUnderstand sequence of daily eventsCorrect use of conjunctionsIntroduction of poems and rhymesWrite a Children's Poem	Numbers to 1000 <ul style="list-style-type: none">Review conceptsComparing numbersThousands, hundreds, tens and ones Addition & Subtraction <ul style="list-style-type: none">Meanings of addition and subtractionSubtraction without renaming	Friends and Communities <ul style="list-style-type: none">Recognize that people belong to a variety of groupsUnderstand community living Where We Live <ul style="list-style-type: none">Working with maps and globesName your continent, country, and community Family History <ul style="list-style-type: none">Concept of family trees	Revisit five senses Scientific Method and Inquiry <ul style="list-style-type: none">Asking and answering scientific questions by making observations and doing experiments
October	Seasons and Our Life <ul style="list-style-type: none">Restate the sequence of events or ideas in a text and summariesRecall incidents, characters, facts, and details of stories and other textsUnderstand what a complete sentence is and identify subject and predicate in simple sentenceSentence patterns for describing position/location	Addition & Subtraction <ul style="list-style-type: none">Addition with renamingSubtraction with renaming Length <ul style="list-style-type: none">Measuring in meters, centimeters, yards, feet, and inches Weight <ul style="list-style-type: none">Measuring in kilograms, grams, pounds, and ounces	Friends and Communities <ul style="list-style-type: none">Recognize community helpersRecognize different occupations Our World <ul style="list-style-type: none">The seven continentsLocate Canada, United States, Mexico, and Central America on a map U.S. Flag <ul style="list-style-type: none">Current and earlier versions	Cycles in Nature: Seasonal Cycles <ul style="list-style-type: none">The Four SeasonsSeasons and Life Processes Cycle s in Nature: Life Cycles (1) <ul style="list-style-type: none">The life cycle: birth, growth, reproduction in animals
November	The Environment Around me Self Control and Manners <ul style="list-style-type: none">Express and discuss academic topics at the paragraph levelCompare and contrast two or more charactersDescribe people's appearance	Multiplication & Division <ul style="list-style-type: none">Understand and master basic concept of multiplicationUnderstand and master basic concept of divisionUnderstand multiplication and division as inverse operations	U.S. History <ul style="list-style-type: none">The Origin of Thanksgiving: Pilgrims and the May FlowerUnderstand national historic holidays	Cycles in Nature: the Water Cycle <ul style="list-style-type: none">Water coverage on EarthThe Water cycle: evaporation and condensation, water vapor, clouds, precipitation
December	Traditions <ul style="list-style-type: none">Understand "point in time" vs "period of time"Write a greeting noteIntroduce a list of commonly used measure wordsUnderstand the position of the location word in a sentence	Facts for Numbers 2, 3 and 10 <ul style="list-style-type: none">Multiplication tables of 2 and 3Division by 2's, 3's and 10's	Directions <ul style="list-style-type: none">Find directions on a map: east, west, north, south Early Civilizations: China <ul style="list-style-type: none">GeographyCultureChinese New Year Early Civilizations: India <ul style="list-style-type: none">Indus River and Ganges RiverHinduism, Buddhism	Weather and Measurement <ul style="list-style-type: none">Weather can be described in measurable quantitiesMeasure and record temperature Insects <ul style="list-style-type: none">Insects and peopleCharacteristicsLife cycles: metamorphosisSocial insects



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January	Traditions <ul style="list-style-type: none"> Read Chinese folk stories Understand the history of Chinese New Year Write spring couplets 	Review Addition & Subtraction <ul style="list-style-type: none"> Finding the missing number Methods for mental addition Methods for mental subtraction 	Chinese Zodiacs <ul style="list-style-type: none"> Characteristics of the twelve zodiac animals Freedom for All: Dr. Martin Luther King Jr. <ul style="list-style-type: none"> Dr. Martin Luther King, Jr. and the dream of equal rights for all 	Human Body: Muscular and Digestive Systems <ul style="list-style-type: none"> Names and function The digestive and excretory systems Taking care of your body
February	Directions <ul style="list-style-type: none"> Understand and follow directions Understand and read maps "location" words 	Facts for Numbers 4 and 5 <ul style="list-style-type: none"> Multiplication and division by 4's and 5's 	Basic Geography Concepts <ul style="list-style-type: none"> Spatial Sense – working with maps and globes Geographical terms and features 	Magnetism <ul style="list-style-type: none"> Magnetism poles and field Law of magnetic attraction Orienteering
March	Spring and Growth <ul style="list-style-type: none"> Understand seasonal changes Describe changes in human body with growth Understand and use punctuation: colon and double quotation 	Money <ul style="list-style-type: none"> Adding and subtracting combinations of bills and coins Fraction <ul style="list-style-type: none"> Recognize and name halves and quarters Recognize and write fractions 	Environment <ul style="list-style-type: none"> Ways that the environment influences people Humans both adapt to, and change, the environment. 	Healthy Diet <ul style="list-style-type: none"> The "Healthy Plate" Vitamins and minerals Cycle s in Nature: Life Cycles (2) <ul style="list-style-type: none"> The life cycle: birth, growth, reproduction in plants
April	Modern and Olden Times <ul style="list-style-type: none"> Stories of migration to America's west Describe differences between present and past Understand and use simple machines 	Time <ul style="list-style-type: none"> Tell time to the 5-minute mark Time Intervals Capacity <ul style="list-style-type: none"> Measure and estimate in liters, cups, pints, quarts, half-gallon, and gallon Compare measurements 	Westward Expansion <ul style="list-style-type: none"> Pioneers head west Native Americans Immigration and Citizenship <ul style="list-style-type: none"> Land of opportunity the meaning of "e pluribus Unum"(合众为一) Ellis Island and the Statue of Liberty Millions of newcomers The idea of citizenship 	Earth and Space Science <ul style="list-style-type: none"> Day and Night Four Seasons Appreciating the beautiful planet
May/ June	Visit Other Countries <ul style="list-style-type: none"> Understand the basics of Japan (location, time zones, cultures/arts) Use known vocabulary/sentences to share own travel experiences 	Graphs <ul style="list-style-type: none"> Picture Graphs Geometry <ul style="list-style-type: none"> Flat and Curved Faces Describe and extend Area <ul style="list-style-type: none"> Counting Square Units 	Introduce a Modern Country: Japan <ul style="list-style-type: none"> Geography Culture 	Simple Machine <ul style="list-style-type: none"> Lever, pulley, wheel-and-axle, inclined plane, wedge, screw Friction