

2016-2017 First 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	Strokes Happily Learning Chinese <ul style="list-style-type: none"> Creation of positive classroom atmosphere Development of good learning habits Formation of a studious community Stroke names and phrases 	Numbers 0-10 <ul style="list-style-type: none"> Counting Number words and stories Number bond: <ul style="list-style-type: none"> making number stories Addition : <ul style="list-style-type: none"> making addition stories, addition with number bonds, and other methods of addition 	School Community <ul style="list-style-type: none"> Awareness to similarities and differences among individuals in the classroom and within the school Individuality and concept of fairness, equity and justice Working Independently and cooperatively to accomplish goals Ways of good and engaged citizens participate in their community, explain why participation is important 5 expectations of Yinghua 	Science Inquiry <ul style="list-style-type: none"> Observe and ask questions Classification (Sorting) <ul style="list-style-type: none"> Things can be recycled and reused Living and nonliving things
October	I Love to Learn Playing Together <ul style="list-style-type: none"> Vocabulary to introduce oneself Comprehension of simple written instructions Completion of sentences in both speaking and written forms Real-life connections between words and their use 	Subtraction: <ul style="list-style-type: none"> making subtraction stories, and methods of subtraction Ordinal Numbers <ul style="list-style-type: none"> Naming positions 	History: It is Everyone's Story <ul style="list-style-type: none"> Creation of timeline that identifies 3 events from one's own life Basic questions about a past event in one's family, school or local community Stories of Captain John Smith Pocahontas and Powhatan 	Living Creatures and Their Habitats <ul style="list-style-type: none"> Structure and function in Living Systems Special Classifications of Animals <ul style="list-style-type: none"> Herbivores Carnivores Omnivores Extinct animals The food chain
November	Hopscotch Little Fish Looking for Friends <ul style="list-style-type: none"> Story prediction "location" words Description of people, places, things, and events with relevant details 	Numbers to 20 <ul style="list-style-type: none"> Numbers up to 20: counting and comparing; addition and subtraction 	Origin of Thanksgiving <ul style="list-style-type: none"> Story of Christopher Columbus's trip to the Americas in 1492 Story of Pilgrims, Mayflower, and the first Thanksgiving Thanksgiving Day (food and activities) 	Oceans and Undersea Life <ul style="list-style-type: none"> Locate oceans Landscape of the ocean floor Diversity of ocean life Matter <ul style="list-style-type: none"> Names and common examples of three states of matter: Solid, Liquid, and Gas Water as an example Differences between salty water and freshwater
December	Shadows It is Snowing! <ul style="list-style-type: none"> Connection between written descriptions to their own life experience Observation of natural world and learning from their daily experience Ordering and sequential words 	Numbers to 20 <ul style="list-style-type: none"> Simple word problems Shapes: common 2-dimensional shapes and faces of 3-dimensional objects 	Directions and Locations <ul style="list-style-type: none"> Name and locate the five oceans and the seven continents Locate places using cardinal directions Identify the geographic location of USA and MN on a map and a globe 	Properties of Matter: Measurement <ul style="list-style-type: none"> Units of measurement (Length, Width, Temperature)



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January/ February	Chinese New Year Greeting Words Our Flag Losing a Tooth <ul style="list-style-type: none">The nation's important symbolsFamiliarity with a variety of Chinese New Year traditionsHow people celebrate lifeUse of complete and detailed sentences to respond to situations	Length & Weight <ul style="list-style-type: none">Compare and measure by making direct comparisons with reference objects and nonstandard units Graphs <ul style="list-style-type: none">Picture graphs Numbers to 40 <ul style="list-style-type: none">Counting, tens and onesAddition and Subtraction	Chinese New Year Traditions Nation is Born <ul style="list-style-type: none">The 13 original English coloniesFourth of JulyBenjamin Franklin and George Washington Freedom for All <ul style="list-style-type: none">Legend of Betsy Ross and the American flagThe Pledge of AllegianceCurrent United States president	Astronomy: Our Solar System <ul style="list-style-type: none">Sun, Moon, the eight planetsStarsEarth and its place in the solar system
March	Our Neighbors My Father's Friend <ul style="list-style-type: none">Country of MexicoComparison among Mexico, China and the US – similarities and differences Literary Terms <ul style="list-style-type: none">Character, drama, actors and actress	Numbers to 100 <ul style="list-style-type: none">Counting by 10'sOrder of numbersAddition within 100Subtraction within 100Word problems with model drawing	Modern Civilization and Culture: Mexico <ul style="list-style-type: none">Location (Between Pacific Ocean, Gulf of Mexico)Mayan CultureMexico CityCulture and traditions: Indian and Spanish heritage, Piñata	Earth <ul style="list-style-type: none">Geographical features of the earth's surfaceOceans and continentsVolcanoes
April	Look at Clouds Mother's Birthday <ul style="list-style-type: none">Story structure – beginning, middle and endReading strategies: preview and predictHow, why, and what-if questions for fiction and non-fiction texts	Money <ul style="list-style-type: none">Value of coins and billsUse of cent and dollar symbolsCount coins and bills combinations Halves & Quarters <ul style="list-style-type: none">Recognition and making halves and quarters	Ancient Civilization: Egypt <ul style="list-style-type: none">Location (In Africa)Nile RiverPharaohsPyramids and mummies	Electricity <ul style="list-style-type: none">Static electricityBasic principles of electricityElectrical safety rulesMagnets
May/June	A Story about Feet Pipi is Ill <ul style="list-style-type: none">Personal hygieneParticipationQuestions and answers about key details in a text Literary Terms <ul style="list-style-type: none">costumes, scenery, and propsTheater, stage, audience	Time <ul style="list-style-type: none">Tell time to the half-hour Multiplication & Division <ul style="list-style-type: none">Multiplication: problems within 40Division: sharing and grouping	American History and geography-Symbols and Figures <ul style="list-style-type: none">Liberty BellAmerican flagEagle	The Human Body <ul style="list-style-type: none">Body systemsTaking care of your bodyFive senses