



what to teach in each grade

lite version

Eclectic Learners



**not sure what you're supposed
to cover each year?**

We know that deciding what to teach every year is daunting. You're afraid you'll miss something, and then your child will be behind! OH NO!

Don't worry - it's really hard to mess up your child's education! But I understand the need for a guide to provide some structure to your curriculum planning.

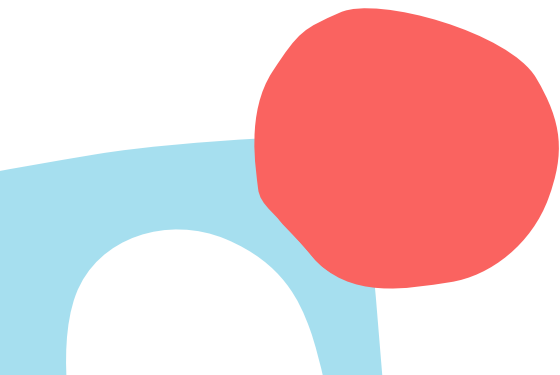
In this guide, you'll find the lite version of our comprehensive list. It's broken up by subject and gives a brief concept. Don't be discouraged if your child doesn't align with their "grade." Use the list as a guide to decide where to start!

There's even a surprise for you at the end!

Happy planning!



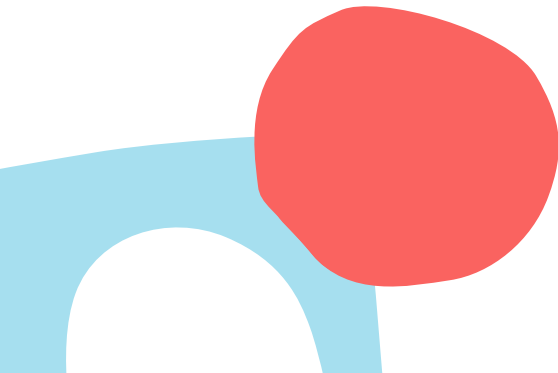
English Language Arts



kindergarten

English Language Arts

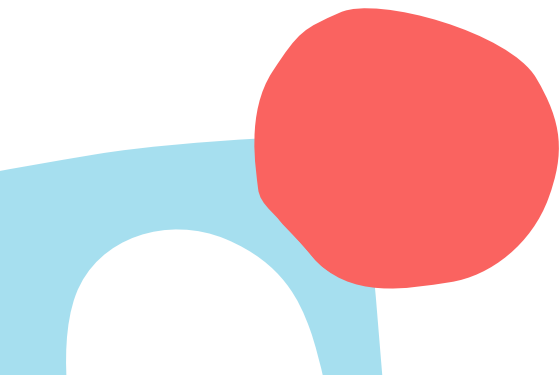
- how print works (left to right, top to bottom)
- recognize and name the letters of the alphabet (upper case and lower case)
- begin phonics
 - recognize and produce rhyming words
 - count, pronounce, blend, and break syllables in spoken words
- with support, ask and answer questions about key details in a story
- with support, retell familiar stories, including key details
- with support, describe the connection between illustrations and the story (ex: what moment in the story it depicts)
- Use a combination of drawing, dictating, and writing to compose stories, informational texts, and their opinions



first grade

English Language Arts

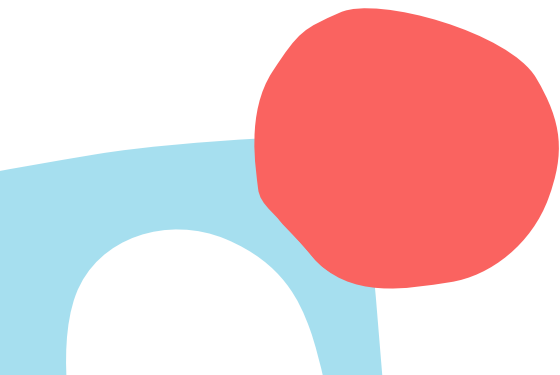
- ask and answer questions about key details in a story or informational text
- retell stories
- describe characters, setting, and major events
- identify words/phrases that suggest feelings or appeal to the senses
- identify basic similarities in and differences between two texts on the same topic
- recognize the different features of a sentence (first word, capitalization, ending punctuation)
- distinguish long from short vowels
- blending sounds to produce a word
- decode regularly spelled one-syllable words
- write appropriate to the task sentences
- produce and expand simple and compound sentences



second grade

English Language Arts

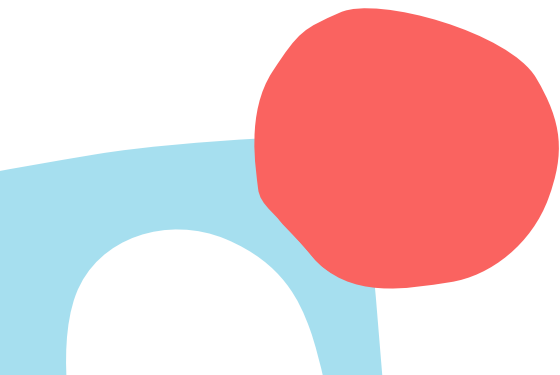
- retell stories and determine their central message
- describe how characters in a story respond to major events
- use information from the illustrations and print to demonstrate understanding of its characters, setting, or plot
- compare and contrast two or more versions of the same story
- decode words with common prefixes and suffixes
- write opinion pieces that introduce the topic, state an opinion, supply reasons, and provide a concluding statement or section
- with support, focus on a topic and strengthen writing by revising and editing
- recall information from experiences or gather information to answer a question



third grade

English Language Arts

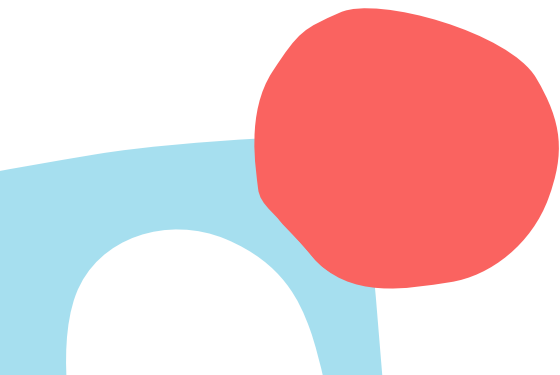
- distinguish their own point of view from that of a text's or its characters
- determine the meaning of domain-specific words/phrases in a text
- use text features and search tools to locate information efficiently
- decode multisyllable words
- write opinion pieces as in second grade, with the addition of using linking words/phrases
- write narratives in prose or poems to develop experiences or events in clear sequences
- write routinely over extended time frames
- independently read longer works of fiction (chapter books)
- practice organizing, drafting, revising, proofreading their writing
- recognize and avoid the double negative
- use text features in writing



fourth grade

English Language Arts

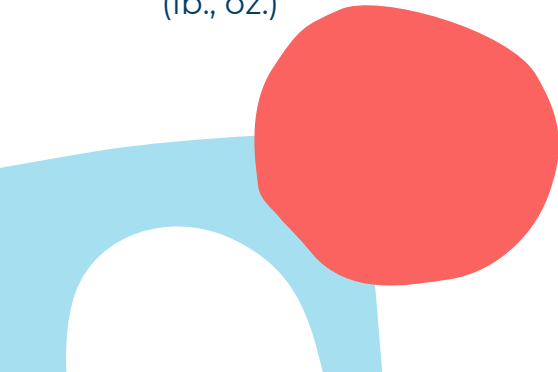
- refer to details and examples when explaining what the text states
- determine a theme of a story, drama, or poem from the text; summarize a text
- describe in depth a character, setting, or event in a story using specific details (thoughts, words, or actions)
- determine and use figurative language
- use grade-level phonics and word analysis in decoding words
- write reports, summaries, descriptions, letters, stories, and poems
- use different resources to research and write on a topic
- learn to document sources in a bibliography
- engage in a range of collaborative discussions
- use context clues when determining the meaning of an unknown word



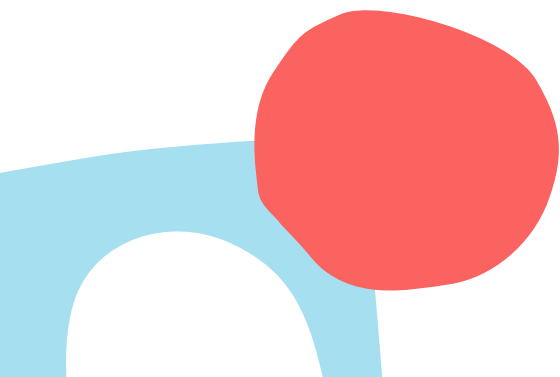
fifth grade

English Language Arts

- quote or paraphrase a text when drawing inferences from a text
- determine the meaning of words/phrases as they are used in a text
- analyze how visual and multimedia elements contribute to the meaning, tone, or beauty of a text (graphic novel, multimedia presentation of fiction, myth, or poem)
- compare and contrast stories in the same genre
- explain how an author uses reasons and evidence to support points in a text
- take notes when reading a text in order to write on the topic
- write prose based on a specific genre (after reading a mystery, write your own) using the characteristics of the genre
- recognize and use abbreviations appropriately (lb., oz.)



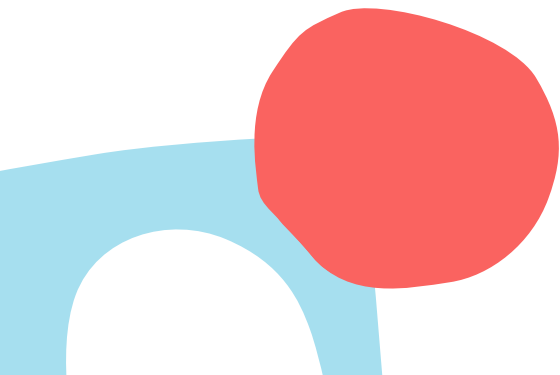
Math



kindergarten

Math

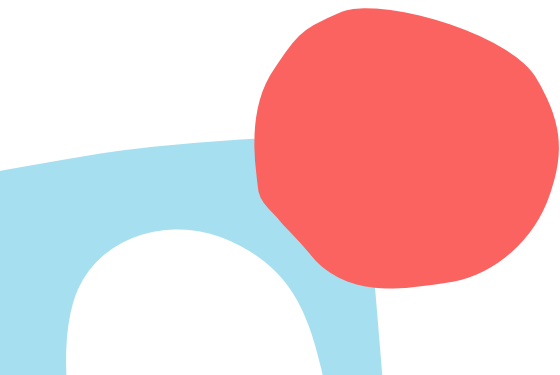
- sort and classify objects by size, shape, color, etc.
- identify items that belong or do not belong in a set
- use concepts as "same as," "more than," "less than," "most," and "least"
- count, read, and write numbers from 1 to 31
- use numerals to solve basic addition and subtraction problems ($5 + 2 = 7$; $7 - 2 = 5$)
- identify and describe shapes
- count to 100 by ones and by tens
- count forward from a given number within the known sequence (starting at 31 and counting on)
- describe and compare measurable attributes (length or weight)
- compare two objects with measurable attributes in common (two kids; one is taller)



first grade

Math

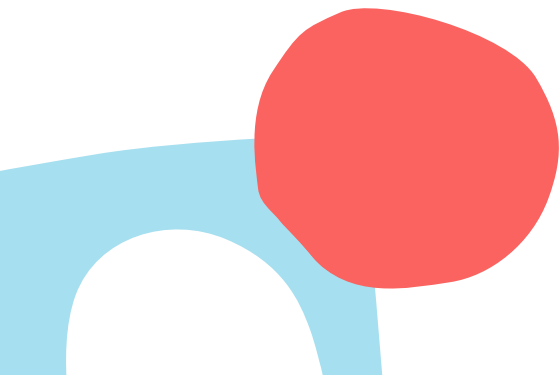
- define a set by the shared attributes of its members
- recognize and extend simple patterns (2, 4, 6, 8 . . .)
- use addition and subtraction within 20 to solve word problems
- learn about place values (ones, tens, hundreds)
- apply properties of operation to add ($8 + 3 = 11$, then $3 + 8 = 11$)
- count to 120, starting at a number less than 120 and counting on
- measure lengths indirectly (compare three objects to see which is longest/shortest)
- tell and write time
- identify and compare values of the coins
- find equivalent values of coins (one nickel is the same as five pennies)



second grade

Math

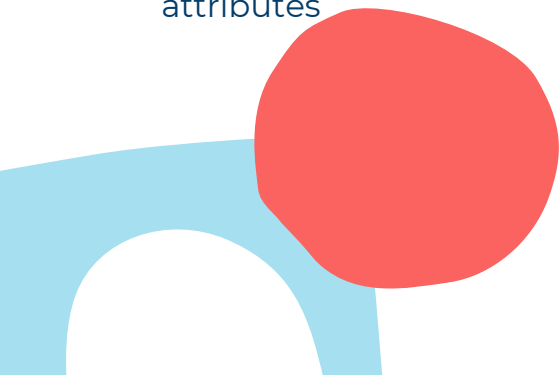
- use addition and subtraction within 100 to solve one- and two-step word problems
- fluently add and subtract within 20 using mental strategies
- round numbers to the nearest ten
- identify even and odd sets within a group of 20
- understand three-digit place values
- count within 1,000; skip count
- compare numbers using $>$, $<$, $=$
- make and read simple charts and bar graphs
- fluently add and subtract within 100
- recognize simple fractions ($\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, etc)
- read and write money amounts using \$ and decimal point
- show different combinations of coins and bills to equal the same amounts
- learn properties of basic shapes



third grade

Math

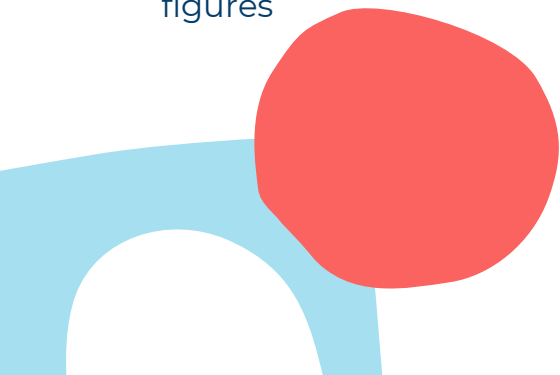
- interpret products of whole numbers as the total number of objects in groups (5×7 is five groups of seven objects)
- interpret quotients of whole numbers as the numbers of objects separated equally into groups ($56 \div 8$ is 56 objects separated into 8 equal groups)
- multiply and divide within 100
- round to the nearest 100
- add or subtract within 1,000
- make change, using the least amount of coins as possible
- measure, estimate, and compare objects by size, weight, capacity, and quantity
- solve problems involving time
- study the concept of area
- identify lines of symmetry
- compare and classify shapes by their attributes



fourth grade

Math

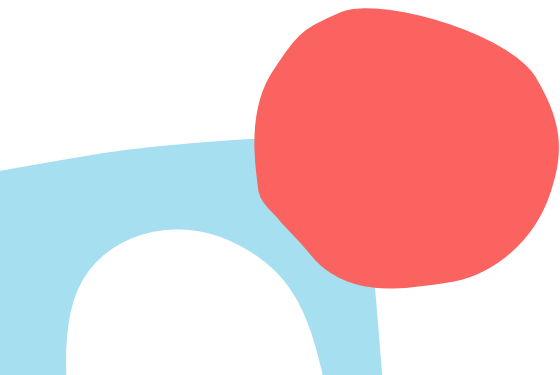
- practice multiplication and divisions in multi-step problems
- recognize place value up to 1,000,000, knowing that any place represents 10 times as much as the place to its right
- fluently add and subtract multi-digit whole numbers
- add and subtract mixed numbers with like denominators
- solve word problems with fractions
- use decimal notation to represent fractions with denominators 10 or 100 ($62/100$ is 0.62)
- compare two decimals to the hundredths
- know relative sizes of measurements within a system of units (1 ft is 12 inches)
- make a line plot to display data
- draw points, lines, line segments, rays, angles, and perpendicular and parallel lines in 2D figures



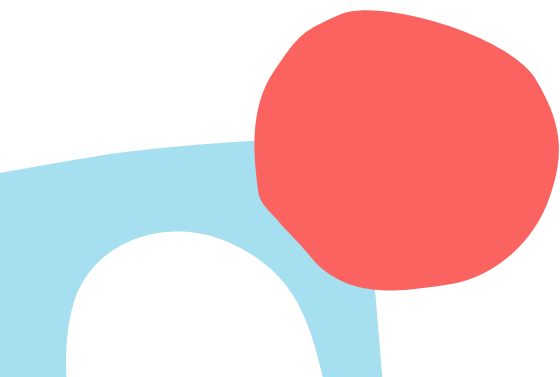
fifth grade

Math

- use parentheses, brackets, or braces in numerical expressions and evaluate
- read and write decimals to thousandths using base-ten numerals, number names, and expanded form
- fluently multiply multi-digit whole numbers
- use equivalent fractions to add and subtract fractions
- interpret a fraction as division ($1/2 = 1 \div 2$)
- convert like measurement units within a given measurement system
- represent and interpret data
- recognize volume as an attribute of solid figures
- measure volume
- graph points on the coordinate plane
- represent real-world problems by graphing points



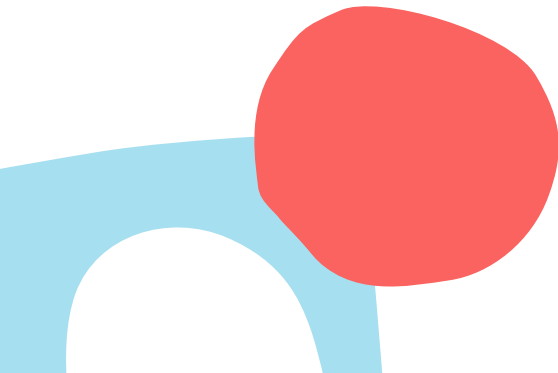
Science



kindergarten

Science

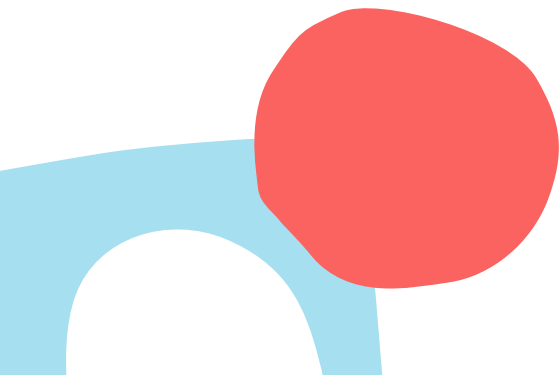
- the four seasons
- observing daily weather changes (temperature, clouds, rainfall, etc)
- the Sun is our source of light and warmth
- plants and plant growth
 - their needs
 - basic parts of a plant
 - plants make their own food
 - how some of our food comes from farms as crops
 - plants provide oxygen
- animals and their needs
 - what animals needs to survive
 - how animals get food
 - taking care of pets & animal babies
- the human body
 - five senses
 - taking care of your body



first grade

Science

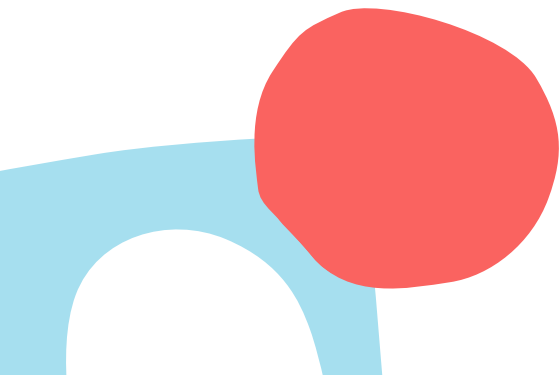
- living things and their environments
 - plants and animals live in environments where they can survive
 - different habitats
 - the food chain
 - characteristics of oceans
 - great diversity of life
 - effects of habitat destruction
- overview of major body systems
- basic concepts of matter (solid, liquids, gas)
- basic structure of the solar system
- phases of the moon
- Earth's place in the solar system
- geographical features of Earth's surface
- introduction to some different rocks and minerals
- ask questions, make observations, and record information about a situation



second grade

Science

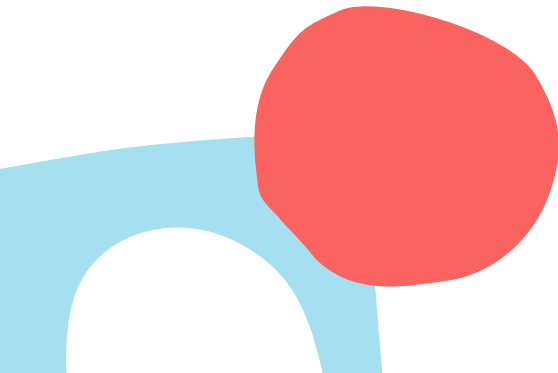
- seasons change as the Earth orbits the Sun
- seasons affect living things
- life cycle (birth, growth, reproduction, death)
- basic life cycles of some plants and animals
- the water cycle
- insects are helpful and harmful to people
- part of insects
- social insects
- cells as the building blocks of life
- healthy diets
- magnetic poles and fields
- law of magnetic attraction
- simple machines make work easier
- friction
- wind and water shape the land
- classify materials by their observable properties (color, flexibility, texture, etc)
- analyze data in order to form a hypothesis



third grade

Science

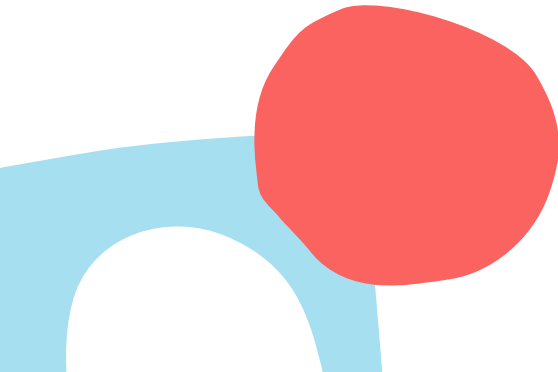
- how scientists classify animals
- basic characteristics of fish, amphibians, reptiles, birds, and mammals
- muscular, skeletal, and nervous system
- how the eye and ear works
- how light travels
- difference between opaque and transparent objects
- how sound is caused by vibrations
- how sound travels
- the balance of nature
- roles of producers, consumers, and decomposers
- planetary motions cause night/day, seasons, eclipses
- stars and constellations
- evaluate a design solution that reduces damage to the environment



fourth grade

Science

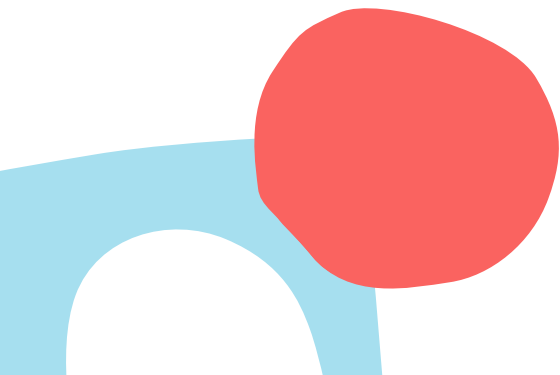
- circulatory and respiratory systems
- the effects of smoking on the lungs
- structure of atoms
- basic properties of matter
- how solutions form
- Earth's layers
- earthquakes
- theories of how the continents and oceans were formed
- formation and characteristics of metamorphic, igneous, and sedimentary rocks
- weathering and erosion
- fossils as a record of Earth's past life
- how fossils are formed
- cloud types
- evaluate different solutions to reduce the impacts of a natural event



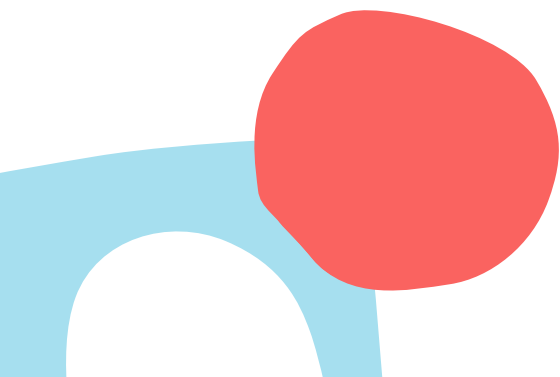
fifth grade

Science

- the five kingdoms (plant, animal, fungus, protist, moneran)
- smaller groupings: kingdom, phylum, class, order, family, genus, species
- major characteristics of vertebrates
- parts of the cell
- differences in plants and animal cells
- cells without nuclei
- organization of cells into tissues, organs, and systems
- photosynthesis in plants
- main parts of flowers and their functions
- life cycles and reproduction (plants, animals, and humans - if comfortable)
- changes in human adolescence
- basic atomic structure
- chemical and physical changes
- Earth's systems (biosphere, geosphere, etc)



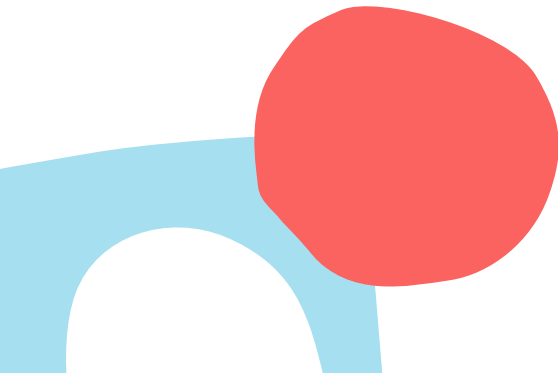
History & Social Studies



kindergarten

Social Studies

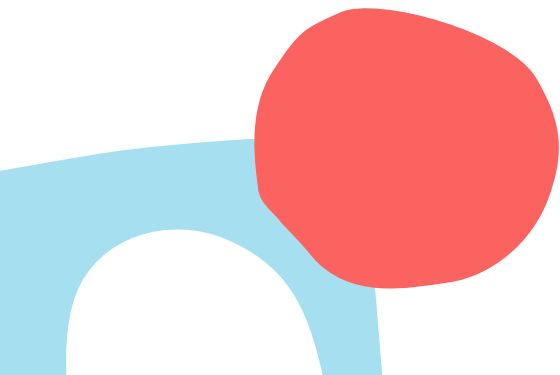
- following rules, limits, and expectations
- asking about the reasons for rules
- literature examples of authority, fairness, caring, justice, responsibility, and how rules are created/followed
- famous symbols, including country symbols
- names and location of hometown and state
- location of country on a map
- what rivers, lakes, and mountains are, and how they are represented on a map
- introduction to the continents and oceans on a map
- basics of a timeline in respect to personal history
- compare and contrast traditions and celebrations of peoples with diverse cultural backgrounds



first grade

Social Studies

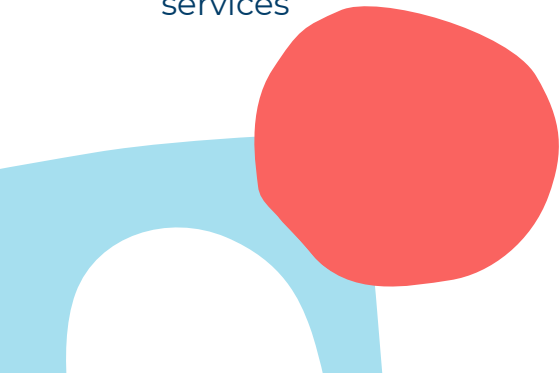
- map keys, symbols, and terms
- cardinal directions (north, east, west, south)
- features of maps and globes
- importance of belonging to and leading a group
- group roles and responsibilities
- local and national government basics
- what makes a good leader (their actions and abilities)
- what makes a good citizen
- rights and responsibilities of born and immigrated citizens
- diversity in ways of living, customs, and languages around the world
- diversity and unity within the nation
- needs vs. wants
- early people and civilizations (hunters/nomads; Maya, Inca, and Aztec)



second grade

Social Studies

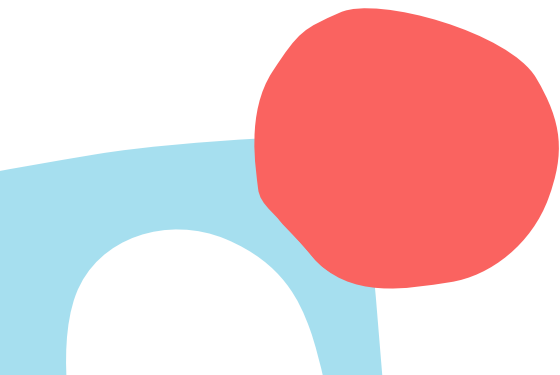
- characteristics of the continents
- how the location of landforms and bodies of water help determine living conditions
- explain and describe human interaction with the physical world
- investigate why people migrate to different places around the world
- Asia
 - geography
 - India
 - China
 - traditional customs and modern ways of Japan
- distinguish a renewable resource from a non-renewable resource
- choices people have to make when buying goods and services
- voluntary choices when buying goods and services



third grade

Social Studies

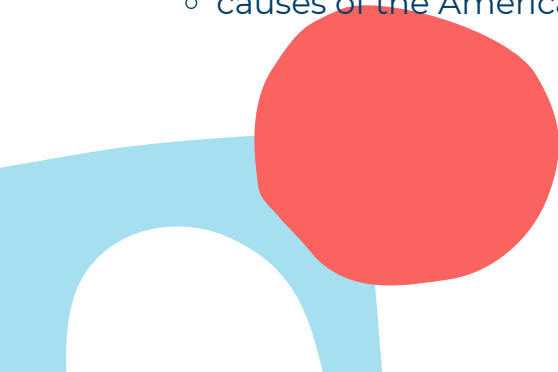
- governments
 - purpose
 - duties
 - organization
 - how people participate and contribute
- Ancient Rome
 - geography
 - legends, myths, and history
 - decline and fall
 - Byzantine Empire
- earliest Americans
 - Spanish explorers
 - Native Americans
- The Thirteen Colonies
 - geography
 - southern colonies
 - New England colonies
 - Mid-Atlantic colonies



fourth grade

Social Studies

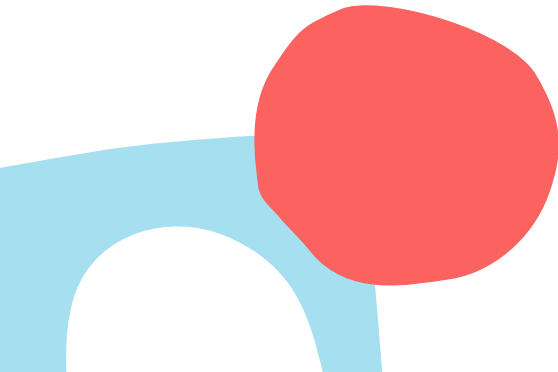
- read maps using longitude and latitude
- major mountains and ranges
- Europe in the Middle Ages
 - geography of Western Europe
 - feudalism
 - growth of towns
 - England
- The Spread of Islam and the "Holy Wars"
 - Muhammad the Prophet; Allah; the Koran
 - Islamic culture ("Five Pillars")
- Early and Medieval African Kingdoms
 - early African kingdoms (Kush; Axum)
 - geography
- China
 - early dynasties
 - Mongol invasions
- The Revolution
 - French and Indian War
 - causes of the American Revolution



fifth grade

Social Studies

- climate zones
- great lakes of the world
- Mesoamerican Civilizations
 - geography
 - Spanish conquerors
- Feudal Japan
 - shoguns and samurai
 - Buddhism and Shintoism
 - geography of Japan
- Western Expansion Before the Civil War
 - early explorations and pioneers
 - Native American resistance and Trails of Tears
 - Manifest Destiny
- The Civil War
 - causes and precursors
 - key leaders, helpers, and events
- major geographic features of the US



what's next?

Again, this is not a comprehensive list of what should be taught in every grade. Your child may be ahead or behind in terms of this guide - and that is OKAY!

Decide what is important to you and your family.

The Comprehensive Guide of What to Teach will be coming in July! In this guide, you'll find:

- a break down of the skills and concepts
- ideas and activities
- links and resources
- book suggestions
- field trip ideas

Click [here](#) to get on the waitlist! When you get on the waitlist, you'll receive an email with a coupon code to apply for your purchase!

