

Activity Index

Math

Numbers and Operations

Algebra

Measurement

Geometry

Science

Life Sciences

Weather and Seasons

Measurement

Earth Science

Physical Science

Language Arts

Decoding

Grammar

Reading

Writing

Social Studies

History

Geography

Civics

Community

Economics

Click on any of the above links to see titles and learning objectives.

Math

Numbers and Operations

PMA_001 Crazy Counting

Students will: count objects and write numerals.

PMA_002 How Many?: Counting Objects

Students will: count objects and reveal the written numeral.

PMA_004 Counting Groups

Students will: practice counting and identify colors in a paint-by-number activity.

PMA_006 Follow the Number Trail

Students will: recognize numerals (0–5); identify different representations of groups of objects; manipulate pictures to explore mathematical situations.

KMA_007 Write Numerals 1–10

Students will: count the number of objects in a collection; practice writing numerals to represent numbers.

1MA_009 Addition Flash Cards

Students will: practice addition skills with numbers from 1–10.

1MA_010 Subtraction Flash Cards

Students will: practice subtraction skills with numbers from 1–10.

1MA_005 Greater Than, Less Than

Students will: determine which of two groups of objects is greater than or less than the other.

2MA_001 Skip Counting

Students will: use a hundreds chart to skip count; choose numbers to skip count by and to begin counting at; identify number patterns.

2MA_003 Marine Math: Order Property of Addition

Students will: use pictures and numerals to explore the commutative property of addition.

2MA_004 First Things First: Ordinal Numbers

Students will: use pictures and numerals to identify ordinal numbers.

2MA_006 Outer Space Odd or Even

Students will: use arrays and numerals to identify odd and even numbers.

3MA_001 Deep Space Odd or Even

Students will: use symbols, models, and numerals to identify odd and even numbers.

3MA_002 Greater Than, Less Than

Students will: use the symbols $<$, $>$, and $=$ to compare whole numbers; use models and numerals to compare whole numbers.

3MA_014 Factor Trees

Students will: determine factors of a number.

4MA_001 Multiplication Flash Cards

Students will: practice multiplication facts 0–12 up to 1000.

4MA_012 Division Flash Cards

Students will: practice division facts 0–12 up to 1000.

5MA_019 Percent

Students will: use a hundreds grid to create ratios; write percents as fractions, decimals, and using the % sign.

5MA_004 Place Value

Students will: read and write whole numbers up to a billion; identify place values for each digit in numbers up to a billion.

5MA_011 Climb the Factor Tree

Students will: multiply numbers on a factor tree to determine multiples up to 10,000.

5MA_012 Greatest Common Factor

Students will: identify the common factors of two numbers; identify the greatest common factor of two numbers.

5MA_013 Least Common Multiple

Students will: identify common multiples of two numbers; identify the least common multiple of two numbers.

Algebra

1MA_008 Patterns

Students will: recognize, create, and extend patterns that repeat (e.g., ABABAB).

Measurement

PMA_007 Sizing Things Up: Measurement

Students will: identify items using the terms bigger, longer, taller, shorter, to become familiar with measurement.

1MA_001 Money Mania

Students will: add combinations of coins and write answers with numerals.

1MA_002 Measure Island

Students will: measure items with objects other than a ruler; estimate how many units of a particular item something is.

1MA_003 Days of the Week

Students will: put days of the week into correct order.

1MA_004 Time Machine

Students will: match the time shown on an analog clock to the time shown on a digital clock.

1MA_007 Months of the Year

Student will: put months of the year into a blank calendar.

3MA_004 Dollars and Cents

Students will: use currency symbols and images of coins and dollar bills to count coins and dollars.

5MA_014 Find the Angle

Students will: calculate the number of degrees in the third angle of a triangle when presented with the number of degrees in the first two.

Geometry

KMA_002 Up and Down

Students will: solve problems by moving objects up and down.

KMA_003 Over, Under, On

Students will: solve problems by moving objects over, under, and onto a table.

KMA_005 Above, Below, Next To

Students will: solve problems by identifying objects above, below, and next to one another.

1MA_006 Seeing Symmetry

Students will: draw shapes to create a mirror image.

2MA_005 Shape Eater: Two-dimensional Shapes

Students will: use images to identify and sort circles, squares, rectangles, and triangles.

3MA_005 Shapes in Space: Two-dimensional Shapes

Students will: use images to identify and sort two-dimensional shapes including hexagons, rhombuses, and trapezoids.

4MA_007 Polygons

Students will: identify and name polygons, recognizing that their names are related to the number of sides.

4MA_008 Perimeters

Students will: find the perimeters of polygons by adding sides.

4MA_009 Find the Area

Students will: find the area of a rectangle by counting the number of squares needed to cover the rectangle.

Science

Life Sciences

PSC_002 Habitats

Students will: find hidden animals in five habitats.

PSC_003 It's Alive!

Students will: sort living and non-living things into groups.

PSC_009 Life in a Pond

Students will: explore a pond habitat to find plants and animals that live there.

KSC_001 Plant Parts

Students will: identify the parts of a plant; recognize the role that each part of a plant plays in helping it live, grow and reproduce.

KSC_003 Year Cycle of a Tree

Students will: observe changes in a tree over four seasons; compare the appearance of a tree during different seasons.

1SC_001 Many Mammals

Students will: differentiate mammals from other kinds of animals.

1SC_003 Why Do They Have That?

Students will: observe an animal's features and determine how it has adapted to an environment.

1SC_010 Parent and Child

Students will: match a baby animal to its parent by observing features that they have in common.

2SC_001 Living and Non-living Things

Students will: differentiate between living and non-living things; identify requirements for things to live.

2SC_015 Parts of a Tree

Students will: identify parts of a tree and their functions.

3SC_023 Living Color

Students will: identify animals whose ability to change color gives them an advantage in survival; recognize that changing color may give an animal an advantage in reproduction; explain why camouflage can give both predators and prey advantages in survival.

4SC_001 Producers: What's For Dinner

Students will: identify producers in and around a temperate forest; recognize that producers use energy from the sun to make their own food.

4SC_002 Consumers: What's For Dinner

Students will: identify consumers in and around a temperate forest; recognize the difference between primary, secondary, and tertiary consumers.

4SC_003 Decomposers: What's For Dinner

Students will: identify types of decomposers in and around a temperate forest; recognize the role that decomposers play in the development of soil and the recycling of nutrients.

4SC_004 How Plants Make Food

Students will: identify elements required for a plant to make food; analyze the sequence of events that occurs when a plant makes food; recognize that plants produce food for themselves and for all other living things; recognize that the production of food starts with energy from the sun.

4SC_005 Hide to Survive

Students will: determine which type of camouflage (mimicry, disguise, concealing coloration, disruptive coloration) animals are using; recognize that camouflage gives animals an advantage in survival.

4SC_007 Forest Energy Pyramid

Students will: create an energy pyramid of producers and consumers in a temperate forest.

5SC_001 Photosynthesis

Students will: identify each step in the process of photosynthesis; observe how a plant uses energy from the sun to make sugar; observe how oxygen is a byproduct of photosynthesis.

5SC_019 Coral Reef Energy Pyramid

Students will: organize producers, and primary, secondary, and tertiary consumers into a coral reef energy pyramid; identify organisms other than plants that use photosynthesis to create food; recognize some of the relationships between coral reefs and humans.

5SC_020 Everglades Energy Pyramid

Students will: organize producers and primary, secondary, and tertiary consumers into an Everglades energy pyramid; recognize threats to environments from human activity, including introduced species, water use, and alteration of the landscape.

5SC_021 Rain Forest Energy Pyramid

Students will: organize producers and primary, secondary, and tertiary consumers into a tropical rainforest energy pyramid; recognize threats to rainforests; identify benefits of biodiversity in an ecosystem.

5SC_022 Arctic Ocean Energy Pyramid

Students will: organize producers and primary, secondary, and tertiary consumers into an Arctic energy pyramid; identify organisms other than plants that use photosynthesis to create food; recognize some effects of climate change on the Arctic ecosystem.

Weather and Seasons**PSC_004 Weather Memory Game**

Students will: identify the characteristics of eight types of weather.

PSC_008 Weather Nursery Rhymes

Students will: discuss their experiences and observations of weather based on rhymes and images.

1SC_005 Morning, Noon, and Night

Students will: observe changes that occur in an environment as the sun appears to move through the sky.

1SC_007 A Year of Sun

Students will: observe changes that occur in an environment as the seasons change.

1SC_008 Weather and Temperature

Students will: match the temperature on a thermometer to scenes that depict weather conditions.

1SC_009 Weather Reporter

Students will: use images of weather and information about temperature to make a weather report to the class.

1SC_011 Guess the Season

Students will: use clues presented in riddles to guess the season.

1SC_012 Earth and Sun: Day and Night

Students will: observe how the rotation of the Earth and its relationship to the sun causes day and night in different parts of the world.

1SC_013 Earth and Sun: Four Seasons

Students will: observe how the position of the earth on its axis as it rotates around the sun causes the seasons to change.

Measurement**3SC_003 Measurement Lab: Customary Units**

Students will: determine the correct measuring tool to use in order to complete a task; read customary measurements on a thermometer, ruler, spring scale, and measuring cup.

3SC_007 Measurement Lab: Metric Units

Students will: determine the correct measuring tool to use in order to complete a task; read metric measurements on a thermometer, ruler, spring scale, and measuring cup.

Earth Science**2SC_002 Compost Creatures**

Students will: recognize that soil contains living components; identify specific decomposers; explore the role of decomposers in recycling nutrients.

2SC_003 Soil Lab

Students will: combine living and non-living things to create soil; recognize that sand, silt and clay are particles of rock that were created by the processes of erosion and weathering.

2SC_005 Let's Rock

Students will: differentiate among rocks according to size, texture, color, pattern, and presence of fossils; recognize some of the ways that humans use rocks.

Physical Science**PSC_005 Five Senses**

Students will: identify things that we see, hear, feel, smell, touch, and taste.

PSC_010 Xylophone

Students will: hear and play notes on a xylophone.

KSC_006 Bigger or Smaller?

Students will: discriminate between two similar objects of different sizes.

KSC_007 The Amazing Suitcase: Sort By Color

Students will: sort objects by color.

KSC_008 House of Shapes

Students will: recognize and match three common shapes of different sizes.

KSC_009 The Amazing Cabinet

Students will: place groups of similar objects in order of size.

KSC_011 The Amazing Boxes

Students will: match six common shapes of similar sizes.

KSC_012 Hot or Cold?

Students will: sort hot and cold objects.

1SC_002 Sink or Float?

Students will: predict whether objects will sink or float; simulate dropping objects into water to test their predictions.

1SC_004 What's the Matter?

Students will: determine whether a material is a solid, liquid, or gas.

1SC_006 What Will Change?

Students will: observe objects under various conditions (e.g. a crayon in the sun) and predict what will change.

3SC_002 Pan Balance Penguins

Students will: use a pan balance to weigh penguins of different species; record observations in a notebook; draw conclusions about the penguins based on the data they have recorded.

Language Arts

Decoding

PLA_003 ABC Animated Flash Cards

Students will: recognize the sounds of letters; identify initial sounds of common words.

PLA_005 Beginning Sounds

Students will: listen to the sound of each letter; tap pictures to hear the sounds in words.

KLA_001 Alphabet Pals: Recognize Letters

Students will: identify and name the letters of the alphabet.

KLA_014 Missing Letters

Students will: form words by placing missing vowels between sets of consonants.

1LA_006 Short Vowel, Long Vowel

Students will: determine whether a word has a long or short vowel sound.

1LA_009 Rhyme Race

Students will: read words aloud and say rhyming words.

1LA_010 Sight Words Flash Cards

Students will: decode words using visual cues on flash cards.

2LA_003 Prefix or Suffix?

Students will: practice decoding words utilizing knowledge of word structure; identify root words, prefixes, and suffixes; practice spelling rules.

Grammar

1LA_001 Person, Place, or Thing

Students will: circle the correct noun or nouns in a series of sentences.

1LA_002 Get Moving with Verbs

Students will: circle the correct verb or verbs in a series of sentences.

1LA_003 Wonderful World of Adjectives

Students will: circle adjectives in a series of sentences.

1LA_004 Synonyms and Antonyms

Students will: put together the puzzle pieces of synonyms and the antonyms.

3LA_003 Punctuation? It's a Must!

Students will: edit letters with punctuation errors to clarify meaning; read corrected letters aloud.

4LA_001 Is It It's?

Students will: identify and use words that are regularly confused (e.g. loose, lose; its, it's).

Reading**1LA_005 Book Detective**

Students will: locate information and stories in an interactive library.

1LA_007 Then What Happens?

Students will: look at pictures of characters engaged in activities and predict what will happen next.

1LA_008 Story Sorter

Students will: sequence pictures in chronological order; write or tell a story that answers questions about character, setting, and action.

KLA_010 Real or Imaginary?

Students will: distinguish between real and imaginary characters and scenes; categorize characters and scenes as real or imaginary.

1LA_015 Is It Real?

Students will: distinguish between real and imaginary characters and scenes; categorize characters and scenes as real or imaginary.

4LA_021 Is That a Fact?

Students will: distinguish between statements of fact and opinion; identify a statement as being a fact or an opinion.

5LA_005 Is That Relevant?

Students will: distinguish between relevant and irrelevant information; identify a statement as relevant or irrelevant to a given question.

5LA_006 Read All About It!: Captions

Students will: relate captions to photographs and informational text.

Writing**PLA_001 Left to Right**

Students will: practice moving objects from left to right.

PLA_002 Learning Letters

Students will: practice tracing and writing uppercase and lowercase letters.

KLA_002 Letter Trace

Students will: identify, name, and write the letters of the alphabet.

2LA_001 Homophones

Students will: identify words that are homonyms; practice reading grade-level words.

2LA_002 A Capital Birthday: Capitalization

Students will: practice capitalization by correcting a storybook; read a grade-level book.

2LA_004 Contraction Factory

Students will: practice forming grammatically correct contractions; apply spelling rules to create contractions; decode grade-level words.

2LA_005 More Than One: Plural Words

Students will: organize words based on their pluralized form; read grade-level words.

3LA_004 Amazing Dinosaurs: Past, Present, and Future Tense Verbs

Students will: choose correct verb tenses in a non-fiction text.

3LA_005 A World Without Pronouns

Students will: replace nouns in sentences with pronouns.

3LA_002 Chica's Adventure

Students will: choose synonyms from a simulated thesaurus to replace words in sentences; recognize that vibrant language makes a story interesting.

4LA_003 The Final Frontier: Past, Present, and Future Tense

Students will: identify and use past, present, and future verb tenses.

4LA_004 Is It Ate?

Students will: identify and use irregular past-tense verbs.

5LA_001 The Shortcut: Conjunctions

Students will: identify and use conjunctions in order to complete sentences.

5LA_002 Through the Woods: Prepositions

Students will: identify and use prepositions in order to complete sentences.

Social Studies

History

1SS_003 Famous Americans

Students will: match images of people to biographical facts.

2SS_005 History of Travel

Students will: recognize that people travel in different ways; examine changes in transportation; explore technological advances; recognize that transportation may not be the same in every community.

4SS_007 Life in the New England Colonies

Students will: recognize the ways in which European, African, and Native American cultures interacted; explore the role of geography in the 13 colonies; recognize that each of the colonial regions has distinct features; identify mercantilism theory within the colonies; explore how the colonies furnished England with raw materials.

4SS_008 Life in the Middle Colonies

Students will: recognize the ways in which European, African, and Native American cultures interacted; explore the role of geography in the 13 colonies; recognize that each of the colonial regions has distinct features; identify mercantilism theory within the colonies; explore how the colonies furnished England with raw materials.

4SS_009 Life in the Southern Colonies

Students will: recognize the ways in which European, African, and Native American cultures interacted; explore the role of geography in the 13 colonies; recognize that each of the colonial regions has distinct features; identify mercantilism theory within the colonies; explore how the colonies furnished England with raw materials.

4SS_015 Telegraphs

Students will: demonstrate understanding of the influence of the telegraph on growth; explore the nature of technology building upon itself; identify ways that geography influenced industrialization.

Geography**PSS_004 Mazes**

Students will: start at the beginning of a maze and go to the end in order to solve a problem.

1SS_005 Map It!

Students will: point a compass to a series of objects and determine which direction the object is from the compass.

1SS_006 Are We There Yet?

Students will: follow directions to navigate through a map of a city.

2SS_001 Interactive Globe

Students will: practice using globe skills; identify bodies of water, hemispheres, and continents; recognize that continents have geographical and political boundaries; recognize information gathered from a globe.

2SS_002 Make Your Own Map

Students will: recognize different features of a map, including the compass rose and map key; recognize that maps provide information and serve different purposes; practice creating different kinds of maps.

2SS_003 Map Reader: Map Key

Students will: identify symbols on a map using the map key; recognize that maps provide information and serve different purposes; recognize different kinds of maps.

2SS_006 Many Maps

Students will: identify the features of different maps; identify maps that show landforms and bodies of water; recognize that maps provide information and have special purposes; identify different kinds of maps.

3SS_003 Wildlife Safari: Africa

Students will: recognize and identify African habitats and animals.

3SS_012 Wildlife Safari: Asia

Students will: recognize and identify Asian habitats and animals.

3SS_017 Wildlife Safari: Europe

Students will: recognize and identify European habitats and animals.

3SS_022 Wildlife Safari: South America

Students will: recognize and identify South American habitats and animals.

Civics**KSS_004 The United States Flag**

Students will: explore the United States flag as a symbol of the country; examine the diverse elements of the flag.

1SS_004 United States Symbols

Students will: match symbols on a grid and answer questions about the symbols they matched.

Community**PSS_001 Fire Safety**

Students will: identify common items that can start fires, and items that keep us safe from fires.

PSS_002 Traffic Signs

Students will: identify eight important traffic signs.

PSS_003 Silly Scenes

Students will: identify items that don't belong in a series of scenes.

PSS_005 Express Yourself

Students will: identify common feelings and emotions.

KSS_009 Grow a Family Tree

Students will: identify family members; recognize that families are structured differently; recognize that families are diverse; utilize a family tree to share family history.

KSS_012 Discovering a Neighborhood

Students will: recognize unique features in a neighborhood; explore various facets of neighborhoods; understand that neighborhoods can be mapped.

1SS_001 Celebrations and Traditions

Students will: select a continent from a world map and learn about celebrations and traditions in countries on that continent.

1SS_002 The World on a Plate

Students will: select a continent from a world map and learn about crops and foods from countries on that continent.

1SS_007 What's the Story?

Students will: examine social conflicts from the points of view of different characters and determine possible solutions.

1SS_019 Recycling as a Community

Students will: recognize that communities have important places; understand that people and communities affect the environment; recognize technological methods used to conserve resources; identify methods for conserving resources.

2SS_004 Transportation Exploration

Students will: recognize that people travel in different ways; identify differences in rural, urban, and suburban communities; examine various forms of transportation; recognize that transportation may not be the same in every community.

Economics**KSS_011 Let's Go to Work**

Students will: demonstrate an understanding of special purpose buildings; recognize that neighborhoods have unique features; recognize that people in neighborhoods work in different places.

1SS_008 Needs or Wants?

Students will: sort needs and wants.

1SS_009 Lemonade Graph

Students will: use daily data from lemonade stand sales to build a predictive model.

1SS_010 Going to Work

Students will: place workers in the buildings where they work.

4SS_014 Steamboats

Students will: identify ways the development of the steamboat affected growth and transportation; develop an understanding of economics in relation to shipping costs; identify ways that geography affects industrialization.