

CHOWCHILLA REFRIGERATOR CURRICULUM FOR SECOND GRADE



ENGLISH LANGUAGE ARTS *

Aligned to Common Core State Standards

- Read stories, including fables and folktales from different cultures, and identify the lesson or moral of the story
- Acknowledge differences in the points of view of characters, including speaking in a different voice for each character when reading dialogue aloud
- Read texts about history, social studies, or science and identify the main idea
- Answer who, what, where, when, why, and how questions about stories and books to demonstrate understanding of key details
- Describe the reasons that an author gives to support a point
- Learn and use new vocabulary
- Use standard English when speaking and writing
- Participate in discussions by listening and building on what others say
- Write about a short series of events and describe actions, thoughts, and feelings
- Write about a book, using important details and examples to support an original opinion
- Introduce a topic, use facts and definitions to develop

MATHEMATICS *

Aligned to Common Core State Standards

- Represent and solve problems involving addition and subtraction
- Add and subtract within 20
- Work with equal groups of objects to gain foundations for multiplication
- Use repeated addition and counting by multiples to demonstrate multiplication
- Use repeated subtraction and equal group sharing to demonstrate division
- Unders

- Make reasonable estimates when adding or subtracting
- Measure and estimate lengths in standard units
- Verify reasonableness of the estimate when working with measurements
- Relate addition and subtraction to length
- Work with time and money
- Know relationship of time
- Represent and interpret data
- Reason with shapes and their attributes

SCIENCE

Aligned to Common Core State Standards

Earth Science: Processes that Shape Earth

- Use information from several sources to provide evidence that Earth events can occur quickly or slowly.
- Compare multiple solutions designed to slow or prevent wind or water from changing the shape of the land.
- Develop a model to represent the shapes and kinds of land and bodies of water in an area.
- Obtain information to identify where water is found on Earth and that it can be solid or liquid.

Earth Science: Ecosystems-Interactions, Energy and Dynamics/ Biological Evolution Unity and Diversity

- Plan and conduct an investigation to determine if plants need sunlight and water to grow.
- Develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants.
- Make observations of plants and animals to compare the diversity of life in different habitats.

Life Science: Structure and Properties of Matter

- Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties.
- Analyze data obtained from testing different materials to determine which materials have the properties that are best suited for an intended purpose.
- Make observations to construct an evidence-based account of how an object made of a small set of pieces can be disassembled and made into a new object.
- Construct an argument with evidence that some changes caused by heating or cooling can be reversed and some cannot

Engineering

- Define a simple problem that can be solved through the development of a new or improved object or tool
- Create model of possible solution
- Compare strengths and weaknesses of two objects create to solve the same problem

SOCIAL STUDIES

Aligned to Common Core State Standards

- Students differentiate between things that happened long ago and things that happened yesterday.
- Students demonstrate map skills by describing the absolute and relative locations of people, places, and environments.
- Students explain governmental institutions and practices in the United States and other countries.
- Students understand basic economic concepts and their individual roles in the economy and demonstrate basic economic reasoning skills.
- Students understand the importance of individual action and character and explain how heroes from long ago and the recent past have made a difference in others' lives (e.g., from biographies of Abraham Lincoln, Louis Pasteur, Sitting Bull, George Washington Carver, Marie Curie, Albert Einstein, Golda Meir, Jackie Robinson, Sally Ride).

You are your child's first and most important teacher. We value your support in building a solid foundation to prepare your child for school. This is a list of concepts and skills that will help your child be successful in second grade. **This list is only a sample and does not include everything that will be taught throughout the year.**

* Adapted from the Council of the Great City Schools Parent Roadmaps to Common Core Standards: <http://www.cgcs.org/domain/36>

Additional resource: National PTA <http://www.pta.org/4446.htm>