

CHOWCHILLA REFRIGERATOR CURRICULUM FOR FIRST GRADE



ENGLISH LANGUAGE ARTS*

Aligned to Common Core State Standards

- Read and retell stories demonstrating understanding of the lesson or moral of the story
- Ask and answer questions about a story, including characters, settings, and major events
- Explain differences between texts that tell stories and texts that provide information
- Identify who is telling the story at various points in a text
- Identify main topic and retell key details of an informative text
- Learn and use new vocabulary
- Participate in class discussions by listening, responding to what others are saying, and asking questions
- Use standard English when speaking and writing
- Write to describe an event, provide information on a topic, or share an opinion
- Select a topic, supply facts about the topic, and provide a sense of closure when writing

MATHEMATICS *

Aligned to Common Core State Standards

- Represent and solve problems involving addition and subtraction
- Under
stand and apply properties of operations and the relationship between addition and subtraction
- Add and subtract within 20
- Work with addition and subtraction equations
- Write and solve number sentences from problem situations that express relationships involving addition and subtraction within 20
- Extending the counting sequence
- Understand place value
- Use place value understanding and properties of operations to add and subtract
- Measure lengths indirectly and by iterating length units

- Tell and write time
- Relate time to events
- Represent and interpret data
- Describe, extend, and explain ways to get to a next element in simple repeating patterns
- Reason with shapes and their attributes

SCIENCE

Aligned to Common Core State Standards

Earth Science: Earth's Place in the Universe

- Use observations of the sun, moon, and stars to describe patterns that can be predicted.
- Make observations at different times of year to relate the amount of daylight to the time of year.

Life Science: Structure, Function, Information Processing

- Use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow, and meet their needs.
- Read texts and use media to determine patterns in behavior of parents and offspring that help offspring survive.
- Make observations to construct an evidence-based account that young plants and animals are like, but not exactly like, their parents.

Physical Science: Waves-Light and Sound

- Plan and conduct investigations to provide evidence that vibrating materials can make sound and that sound can make materials vibrate.
- Make observations to construct an evidence-based account that objects can be seen only when illuminated.
- Plan and conduct an investigation to determine the effect of placing objects made with different materials in the path of a beam of light.
- Use tools and materials to design and build a device that uses light or sound to solve the problem of communicating over a distance.

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 describe the rights and individual responsibilities of citizenship.
- Students compare and contrast the absolute and relative locations of places and people and describe the physical and/or human characteristics of places.
- Students know and understand the symbols, icons, and traditions of the United States that provide continuity and a sense of community across time.
- Students compare and contrast everyday life in different times and places around the world and recognize that some aspects of people, places, and things change over time while others stay the same.
- Students describe the human characteristics of familiar places and the varied backgrounds of American citizens and residents in those places.
- Students understand basic economic concepts and the role of individual choice in a free-market economy.

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 first grade. **This list is only a sample and does not include everything that will be taught throughout the year.**