



# CHOWCHILLA REFRIGERATOR CURRICULUM FOR KINDERGARTEN



## ENGLISH LANGUAGE ARTS\*

*Aligned to Common Core State Standards*

- Name and write uppercase and lowercase letters
- Match letters to sounds when reading and writing
- Learn and use new vocabulary words
- Identify words that rhyme
- Read common words such as the, of, you, are, she, and my
- Ask and answer questions about a story
- Identify characters, settings, and major events in a story
- Participate in discussions by listening and taking turns speaking
- Sort common objects into categories
- Express thoughts, feelings, and ideas clearly

## MATHEMATICS\*

*Aligned to Common Core State Standards*

- Know number names and the count sequence
- Count to tell the number of objects
- Compare numbers
- Understand addition as putting together and adding to, and understand subtraction as taking apart and taking away from
- Work with numbers 11-19 to gain foundations for place value
- Describe and compare measurable attributes
- Classify objects and count the number of objects in categories
- Demonstrate an understanding of concepts of time and tools that measure time
- Identify and describe shapes

- Analyze, compare, create and compose shapes

## SCIENCE

*Aligned to Common Core State Standards*

### Earth Science: Weather and Climate

- Use and share observations of local weather conditions to describe patterns over time.
- Ask questions to obtain information about the purpose of weather forecasting to prepare for, and respond to, severe weather.
- Make observations to determine the effect of sunlight on Earth's surface.
- Use tools and materials to design and build a structure that will reduce the warming effect of sunlight on an area.

### Life Science: Animals, Plants and Their Environment

- Use observations to describe patterns of what plants and animals (including humans) need to survive.
- Construct an argument supported by evidence for how plants and animals (including humans) can change the environment to meet their needs.
- Use a model to represent the relationship between the needs of different plants or animals (including humans) and places they live.
- Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment.

### Physical Science: Forces-Pushes and Pulls

- Plan and conduct an investigation to compare the effects of different directions of pushes and pulls on the motion of an object.

- Analyze data to determine if a design solution works as intended to change the speed or direction of an object with a push or pull.

## 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 understand that being a good citizen involves acting in certain ways.
- Students recognize national and state symbols and icons such as the national and state flags, the bald eagle, and the Statue of Liberty.
- Students match simple descriptions of work that people do and the names of related jobs at the school, in the local community, and from historical accounts.
- Students compare and contrast the locations of people, places, and environments and describe their characteristics.

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 kindergarten. **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>