

Questions

Questions for your child's teacher:

- ◆ How will I find out how my child is doing in class?
- ◆ Are there common meeting times available to meet with my child's teacher?
- ◆ What school supplies does my child need for this class?
- ◆ What is the best way to communicate regarding matters related to my child?
- ◆ What is the procedure for checking out library books?

Activities for Home

What can I do to help my child from home?

- ◆ Collect leaves and sort them by size, shape, color and texture.
- ◆ Plant seeds and watch them grow.
- ◆ Establish a home recycling center.
- ◆ Use a kitchen magnet to see what objects it will stick to.
- ◆ Point out shapes and colors when visiting the grocery store
- ◆ When driving or riding the bus point out interesting places (lakes, streams, talk about the weather)

A Message from the CMSD ~School Parent Organization~

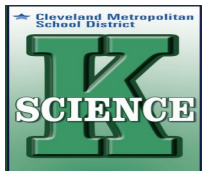
Dear Families,

It is our hope and intent to communicate a clear understanding of your child's academic expectations. The purpose of this document is to give you the ability to look ahead with confidence to support your child's academics.

NOTES:

★ Cleveland Metropolitan
School District

12 SCIENCE



What should my Kindergartener learn in Science?

EARTH AND SPACE SCIENCE

- ◆ We can only see the sun in the sky during the day, and we can see the moon in the sky at night.
- ◆ Plants and animals have a life cycle (growing and changing).
- ◆ There are four seasons, and we can see, feel, and talk about how much weather changes day to day.

LIFE SCIENCE

- ◆ There are living things--people and plants; non-living things--rocks and cars; and pretend things--cartoons and video games. All living things need water, air, food and a place to live.
- ◆ Plants and animals (and people) need each other in order to survive.
- ◆ People, plants and animals usually look like their parents, but may have different sizes, shapes and colors.

PHYSICAL SCIENCES

- ◆ Objects are made of parts (toys, chairs), different materials (wood, metal, plastic and cloth), and can be sorted according to their sizes, colors, and shapes.
- ◆ Objects can change in size and shape (ice melts, paper burns, Transformer toys change from cars to robots), etc.
- ◆ Notice that objects move in different ways (a ball can bounce, roll fast or slow, zigzag), etc.

SCIENCE AND TECHNOLOGY

- ◆ Explain why people, when building or making something, must decide what it will be made of such as brick, wood, or stone.
- ◆ Explain that to build something; you must decide who will build it, how to build it, and which tools and materials to use.

SCIENTIFIC INQUIRY

- ◆ Ask a "what if" question, to find out cause and effect, for example, "what happens if you leave a bowl of ice cubes in the sun?"
- ◆ Design and conduct an experiment to explore a "what if" question. Plan how to be safe and how to use appropriate tools. Use your senses to make observations.
- ◆ Show the results of your experiments in a variety of ways, such as drawing pictures, counting objects, etc.

SCIENTIFIC WAY OF KNOWING

- ◆ To understand the results of an experiment, ask open-ended questions (Why? How?).
- ◆ Recognize that the results can be explained in different ways. For example, "Why did the ice melt when it was placed outside on the ground?"
 - 1) The sun was hot;
 - 2) It was windy;
 - 3) The ground was hot.
- ◆ Recognize the importance of respect for all living things. For example, don't walk on/crush flowers.
- ◆ All people use science everyday by cooking, taking care of pets, growing plants, etc.