

Monthly Message: Everyday Science



KENTUCKY GOVERNOR'S OFFICE of EARLY CHILDHOOD

Ready to Grow, Ready to Learn & Ready to Succeed

Why is science important?

Read about Everyday science experiments!

What can you do to help your child?

Find free online science resources!



Help your child understand the world around them, one experiment at a time!





Every child deserves the excitement and fulfillment that comes from understanding the world around them. Families can help their children learn, experiment and explore by nurturing their children's natural curiosity. Developing children's interest in the early years can help children learn to self-regulate and extend attention spans. Scientific inquiry skills can also encourage creative thinking and effective problem solving in the early years into adulthood.



Tips to help your child think scientifically:

- Use your surroundings.
- Be a good observer.
- Introduce new items and concepts
- Answer their questions honestly.



Resources for parents and teachers:

Attention teachers! The Louisville Science Center offers an array of 45-minute interactive classes. They will also bring the lessons to your classroom! Click here to view a list of sessions, pricing and the calendar.

Parents: PBS Kids offers a wide variety of Science games online! Click here to check them out! Be sure to help your child select a game that is appropriate for his or her development.

From PBS KIDS: Click here to access a list of science activities to do with your children.

You can do science anywhere!



In the Bathroom: Encourage your child to experiment with water by pouring and measuring. Provide different sized measuring cups, spoons funnels and other safe plastic containers.



At a Restaurant: With straws, salt and pepper at hand your child can experiment with static electricity. Unwrap a straw, shake a small amount of salt and pepper on the table. Rub the straw on your head to generate static and then wave it over the salt/pepper pile. What happens?



Outside: What lives in the ground? Investigate the grass, the sidewalk, or the woods. Collect insects and other creatures in a bug box, a jar with holes in the lid or another transparent container. What do they look like up close? How do they move? Release them back outdoors.



In the Grocery: Check out all the foods in your cart. Do you have something from each food group (meat, vegetable, grain, dairy and fruit)? Identify where each item fits in a healthy diet.



In the Kitchen: Mix baking soda and vinegar. How do they react? Taste an assortment of sauces that you have stored in your kitchen. Sort them by sweet, sour and spicy. Ask each family member to share which ones they like best.

Resources: ecrp.uiuc.edu, pbskids.org, kysciencecenter.org

Monthly Message:
Everyday Science



KENTUCKY GOVERNOR'S
OFFICE of EARLY CHILDHOOD

Ready to Grow, Ready to Learn & Ready to Succeed