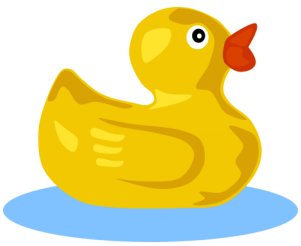
SCIENCE ACTIVITIES

Science builds our knowledge and understanding of the world. These skills help children to generate ideas, make decisions and use evidence to understand issues.

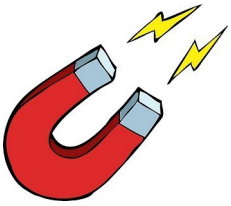
BATH TIME



When your child takes a bath, place different toys or containers in the water. Talk about whether they sink or float.

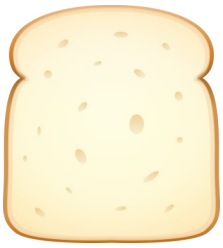
3.3 PK.A.4 Water

IT'S MAGNETIC



Experiment with magnets! Give your child a refrigerator magnet and see where they can make it stick around the house. Talk about what those objects have in common. ***3.2 PK.A.6 Science as Inquiry***

YOUR OWN EXPERIMENT



Put an old piece of bread into a plastic sandwich bag. Help your child pour a teaspoon of water into the bag and seal it. How many days does it take for mold to appear?

3.2 PK.A.6 Science as Inquiry

WEATHER

Make a chart together to record the weather each day for a month. How hot is it? Is it sunny? Cloudy? Rainy? What clothes would you wear for the weather that day?

3.3 PK.A.5 Weather and Climate

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PENNSYLVANIA LEARNING STANDARDS FOR EARLY CHILDHOOD: PRE-KINDERGARTEN

The Department of Education and the Office of Child Development and Early Learning use a Standards Aligned System. The Pennsylvania Learning Standards for Early Childhood are designed to support learning. The key areas explored in these activities are Science as Inquiry, Weather and Climate, and Water.

3.2 PHYSICAL SCIENCES—Science as Inquiry

Big Idea: Physical properties help us to understand the world.

- 3.2 PK.A.6 Participate in simple investigations of matter to answer a question or to test a prediction.
- 3.2 PK.B.7 Participate in simple investigations of energy and motion to answer a question or to test a prediction.

3.3 EARTH AND SPACE SCIENCES—Weather and Climate and Water

Big Idea: The earth, which is part of a larger solar system, consists of structures, processes, and cycles which affect its inhabitants.

- 3.3 PK.A.4 Identify a variety of uses for water. Explore water during play.
- 3.3 PK.A.5 Identify seasons that correspond with observable conditions and identify how weather affects daily life.