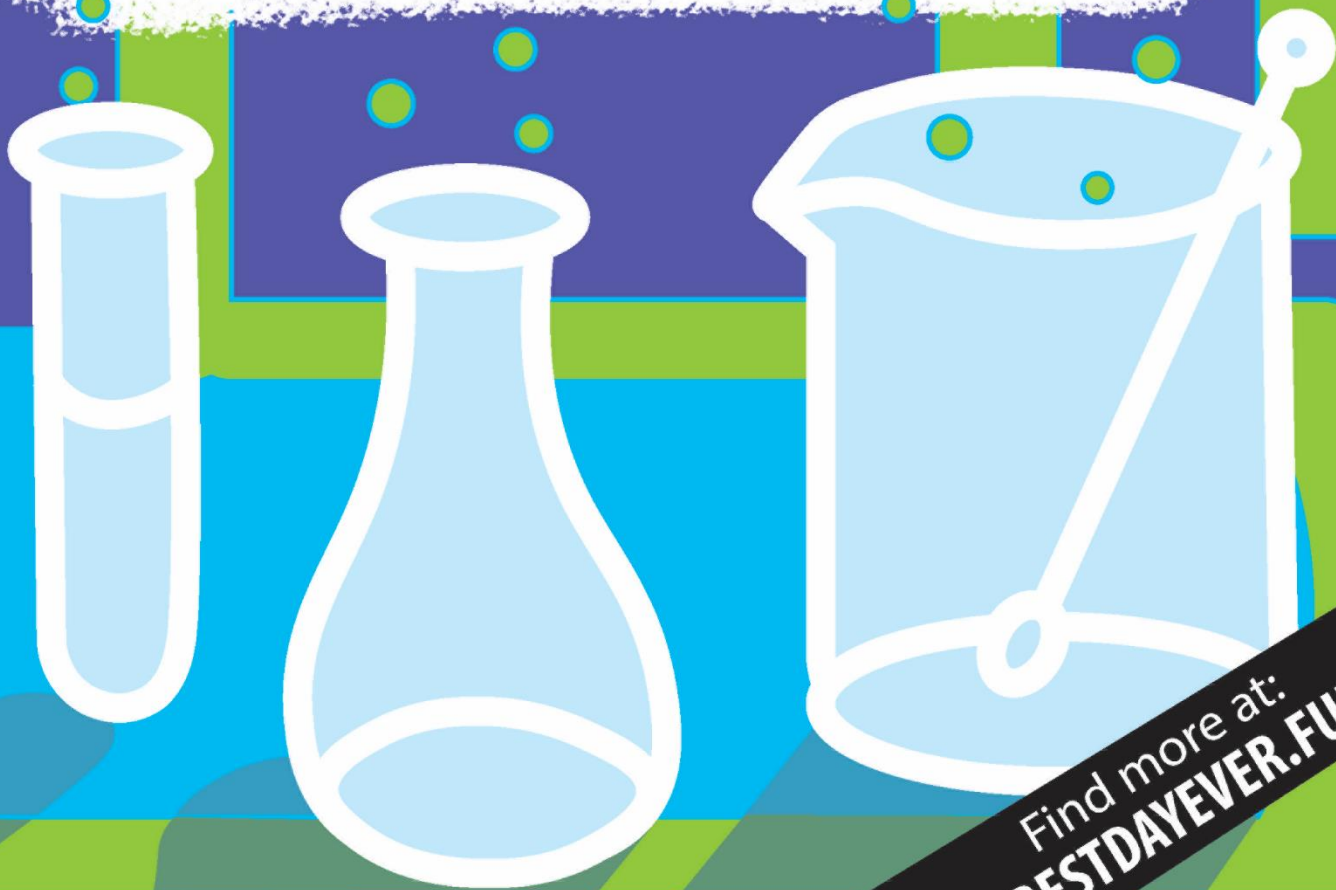


SILLY SCIENCE

KIDS' DAY OUT
SINGLE DAY LESSON PLAN FOR GRADES K-5

**BEST
DAY
EVER!**



Find more at:
BESTDAYEVER.FUN

SILLY SCIENCE

Get ready to explore Science. Silly Science is an interactive school-age lesson plan that encourages children to construct knowledge through thoughtfully planned activities and active exploration of their environment. Children will learn about science! While the lesson plan incorporates many different Pennsylvania Learning Standards, it focuses on the key learning area of “Scientific Thinking and Technology: Exploring, Scientific Inquiry, and Discovery”. Specifically, children will engage in learning activities that meet the PA Standard Areas: Science as Inquiry, Physical Science, and Visual Arts.

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SINGLE DAY SCHEDULE

ACTIVITY/CONCENTRATION	DURATION/SCHEDULE
Arrival Activity (Early drop off): Puzzles/Games	As Needed
Ready Set Learn: Science	45 Minutes
Hands-On Activity: Float or Sink Predictions	30 Minutes
Snack	15 Minutes
Themed Activity: Melting Ice	30 Minutes
Hands-On Activity: Rainbow Baking Soda and Vinegar	45 Minutes
Lunch	45 Minutes
Hands-On Activity: Bouncing Bubbles	45 Minutes
Social-Emotional Learning: Trust	45 Minutes
Hands-On Activity: Science in a Jar	45 Minutes
Wrap Up	15 Minutes
Pick Up Activity (Late Pick Up): Puzzles/Games	As Needed

MATERIALS LIST

- Pennies
- Pencils
- Paper clips
- Erasers
- Clothes pins
- Tooth pics
- Crayons
- Ping pong balls
- Bowls or dishes of assorted sizes
- Salt
- Droppers or a spoon
- Towel
- Large tray container with sides
- Liquid watercolor paint or food coloring
- Small open containers
- Squeeze bottles
- Sugar
- Tablespoon
- Dish soap
- Soft gloves
- Wipe boards
- Erasable markers
- Baking soda
- Vinegar
- Jars or clear plastic containers
- Raisins

SHOPPING LIST

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SILLY SCIENCE

EARLY DROP-OFF



ACTIVITY/CONCENTRATION

ARRIVAL ACTIVITY

- Puzzles and games related to science



DURATION/SCHEDULE

3 hours – 6 to 9 a.m.



MATERIALS

- Variety of games and puzzles



LEARNER MODIFICATIONS



GOALS/OBJECTIVES

- Use play to practice new skills and knowledge
- Cooperate with peers during activities
- Coordinate eye and hand movements



STANDARDS

- AL.1 2.A
- AL.1 2.C
- 10.5 2.B



ACTIVITY/CONCENTRATION

READY SET LEARN: SCIENCE

FUN FACTS:

The word science comes from the Latin "scientia," meaning knowledge.

How do we define science? According to Webster's New Collegiate Dictionary, the definition of science is "knowledge attained through study or practice," or "knowledge covering general truths of the operation of general laws, esp. as obtained and tested through scientific method [and] concerned with the physical world."

What does that really mean? Science refers to a system of acquiring knowledge. This system uses observation and experimentation to describe and explain natural happenings.

The term science also refers to the organized body of knowledge people have gained using that system. Less formally, the word science often describes any systematic field of study, or the knowledge gained from it.

DISCUSS: *Does anyone know a scientist? What is the purpose of science?*

Most scientific investigations use some form of the scientific method, which is a fancy term that means to test. Fields of science are commonly classified in two categories: Natural sciences, the study of the natural world, and Social sciences, the systematic study of human behavior and society.

Ask: *"Did you know that people create scientific research on us? What would you like to learn about others?"*