



Science Activities

a PreschoolToolkit Resource

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Introduction

Welcome! The activities in this document are intended to spark imagination and creativity for you, the teacher. More than one set of adult hands may be needed to deliver and supervise some activities. Outcomes may vary according to such factors as number and ages of children, skill levels and available materials.

Above all, be safe, discover, and have fun!

**This is only a demo. It contains samples from
the *Science Activities* resource.**

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11. Sink and Float



Materials:

Basins of water, variety of small objects (corks, clothespins, plastic boats, sponges, blocks), containers

Instructions:

1. Spread table with towels and floor with drop cloths.
2. Place objects in basins of water.
3. Sort objects into containers marked SINK and FLOAT.

More:

- Squeeze liquid soap into water, swish with hands to make bubbles.
- Blow through straws into the water to make waves.

15. Shadow Profiles



Materials:

Light source, bare wall, paper, tape

Instructions:

1. Position a person on a chair by a bare wall.
2. Tape a plain piece of paper on the wall behind the person's head.
3. Hold a light in front of the person to cast a silhouette on the wall.
4. Draw the outline of the face on the paper.

33. Mighty Magnets



Materials:

Magnets, variety of objects (both magnetic and non-magnetic)

Instructions:

1. Sort the objects by trying to lift or move them with a magnet.
2. Place an object on a piece of paper and try to move it with the magnet underneath the paper.

More:

- Make a cardboard cut-out (such as a car) and attach a paper clip. Place the cut-out on the paper and try to move it along using the magnet.