

# Milk bottle watering

A handy and useful activity that not only helps to monitor and control over enthusiastic watering of seeds and plants, but can be used in a variety of scientific investigations of all plant based curricular activities. All of this and uses materials that are commonly available in schools and staff rooms!

## Curriculum Links:

### Science: Materials, states of matter

#### KS1

- Distinguish between an object and the material from which it is made
- Describe the simple physical properties of a variety of everyday materials
- Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses

#### KS2

- Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature
- Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic

### Plants

#### KS1

- Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy

#### KS2

- Explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant

### DT:

#### KS1

- Design purposeful, functional, appealing products for themselves and other users based on design criteria
- Select from and use a range of tools and equipment to perform practical tasks

#### KS2

- Select from and use a wider range of tools and equipment to perform practical tasks

**Grow to school is a not for profit community interest company that partners with primary schools to take the curriculum outdoors helping children develop the skills for lifelong learning.**

**For more information about outdoor learning in schools call 07710 084388 or email [grow@growtoschool.co.uk](mailto:grow@growtoschool.co.uk)**



# Watering Activity 1 - Milk Bottle Watering

You will need: Plastic milk bottles, drawing pins

1. Take the lid off the milk bottle and using a drawing pin push holes in the bottle lid.



2. Pierce about 20 holes in the lid of the bottle. If this is too difficult ask an adult to help.



3. Fill the milk bottle with water and screw on the cap.

4. Water plants and seedlings and seeds.

