## ACTIVITY FIVE: JUST FOR FUN: MAKING A BOTTLE RAIN GAUGE

This fun TECHNOLOGY activity can be done in the classroom or at home. For learners who may struggle with this, there are instructions for an easier 'tin can rain gauge' in Activity 2 of the Grade 5 pack.

## Measuring rainfall

Rain is measured in millimetres. The narrow base of a cone-shaped rain gauge makes it easier to measure small amounts of rain. The cone has to be specially calibrated (to check, adjust, or determine by comparison with a standard) by doing some magic with maths. To save you the effort, we have given you a rain scale that is calibrated for a 2-litre Fanta cold-drink bottle on the following page (note: the scale is only accurate on this shaped bottle).

## You will need:

- Two empty 2-litre Fanta bottles
- · Craft knife or scissors to cut the bottles
- A photocopy of the rain scale at 100%
- Prestik
- A strong stick
- String
- Fine permanent marker

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