

# Climate and Weather Lesson 1 - Instruction sheet

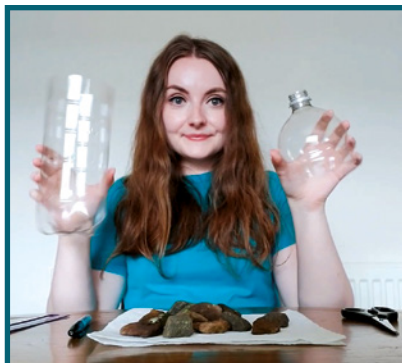
## Make a Rain Gauge



### You will need:

- Adult supervision
- 2 litre plastic bottle, cut into 2 pieces
- Scissors
- Small stones
- Permanent Marker
- Ruler
- Tape

Bottle should be cut as shown.



Take care when handling the plastic bottle as it may have sharp edges. You can use tape to cover sharp edges.

1. Insert a few stones into the bottom part of the bottle. This will help it stay upright in windy weather.
- 2. Take the top part of the bottle and insert it into the bottom part with the neck pointing down. Use tape to secure this. This will act as a funnel to direct rain into the rain gauge.**
- 3. Draw a scale on the side of your bottle. Turn it on its side and take your ruler, lining up the zero point with the bottom of the bottle. Using your marker pen, make a mark every centimetre all the way to the top of the gauge.**
4. Find a spot in the playground to put your rain gauge. Try to place every rain gauge in a different location.
5. Check your rain gauge every day, for 5 days, at the same time each day. Make a note of the height of the water in the gauge before you empty the water out and place it back in its position.
6. To get a more complete view of the weather that day, find out the temperature. If your school has a thermometer this is a great way to tell the temperature.
7. Keep a note of all your weather data on your **Measure the Weather** worksheet.

Step 2.



Step 4.

