

Science - Year 1

Seasonal Changes – Block 1SC

Wonderful Weather

Session 4

Resource Pack

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How to make a rain gauge

You will need:

Plastic bottles, scissors, duct tape, marker pen, small stones.

Cut the neck of the bottle off. (an adult needs to do this). The cut needs to happen just beneath where the bottle begins to narrow.



Pop the stones into the bottom of the bottle to even out the bottom and to keep the gauge from tipping over if it's windy or it rains hard.

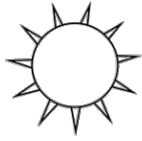


Take the lid of the bottle off. Turn the neck upside down and put it into the bottom half of the bottle. Use duct tape to tape it together.

Put your gauge on a level surface. Make sure it is out of the way of people walking and not covered by branches and trees.

Decide when you will check your rain gauge. Pour any water you find in it into a measuring jug to see how many millilitres of rain has fallen!





Recording Rainfall



Don't look at your rainfall gauge yet!

With your group, ask each other to estimate how much rainfall you will find when you go and look at your gauge.

Write your estimate here, in the cloud:

We think our rainfall gauge will contain...



millilitres (ml) of rain.

Now look at your rainfall gauge.

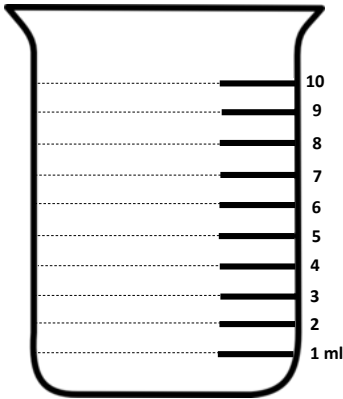
Our rainfall gauge actually contained...



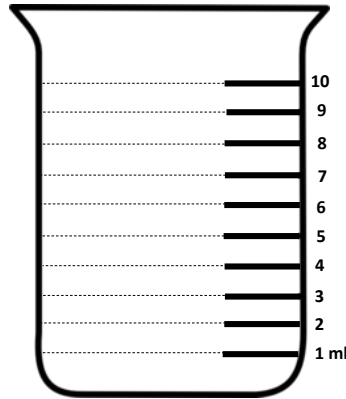
millilitres (ml) of rain.

Recording rainfall

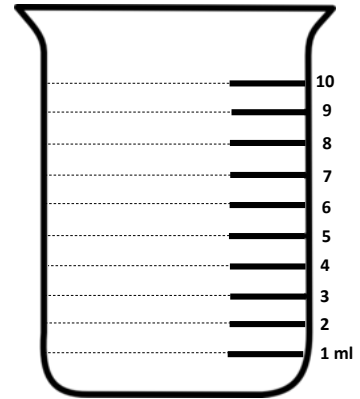
Colour these measuring jugs in as a record of rainfall collected. Don't forget – the measuring jug is recording the rainfall in millilitres (ml).



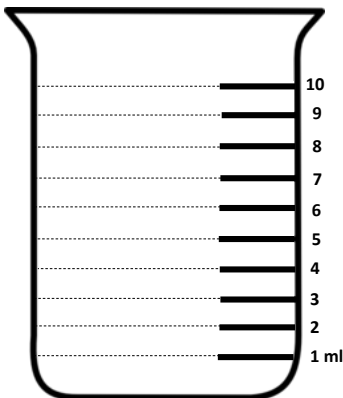
Week 1
Date:



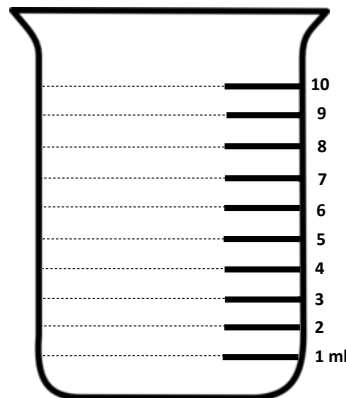
Week 2
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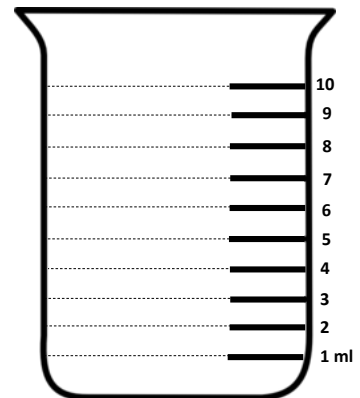
Week 3
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Week 4
Date:



Week 5
Date:

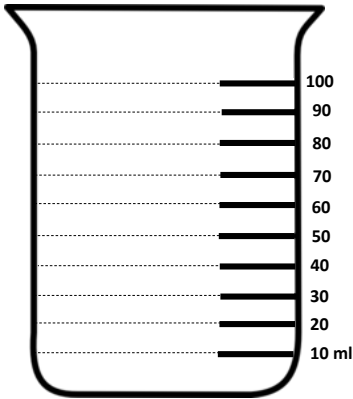


Week 6
Date:

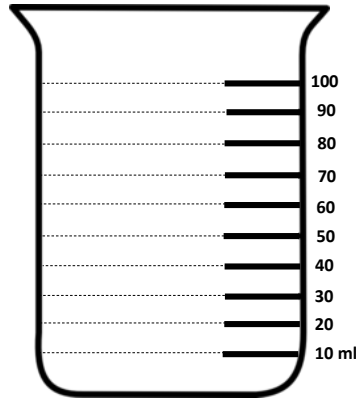
You may want to enlarge these to A3 and cut them out as strips to stick them in order of weeks.

Recording rainfall

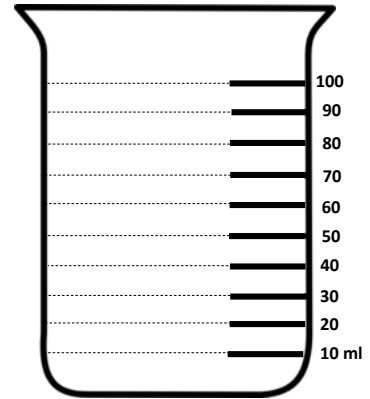
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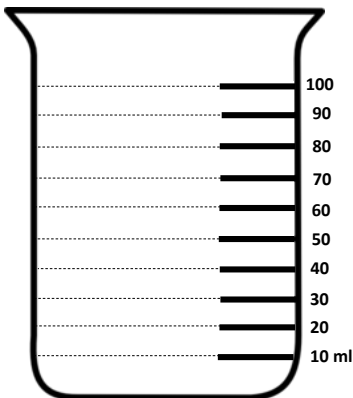
Week 1
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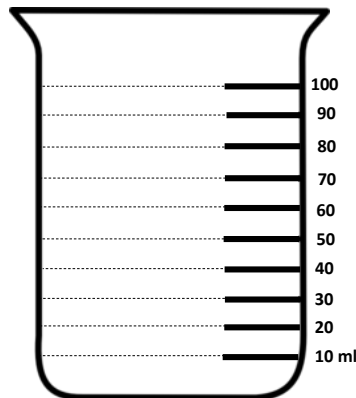
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Date:



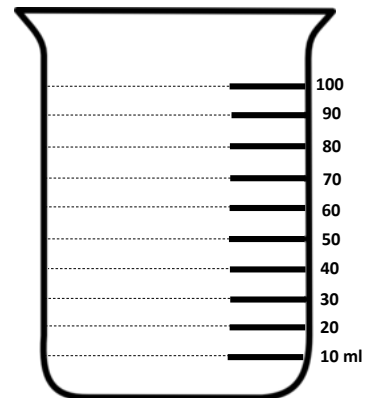
Week 3
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Week 4
Date:



Week 5
Date:

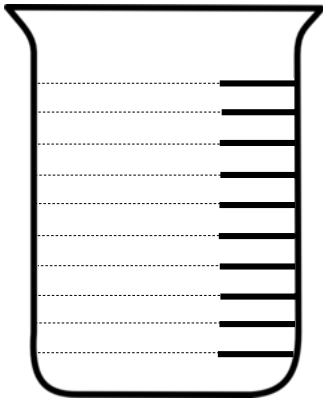


Week 6
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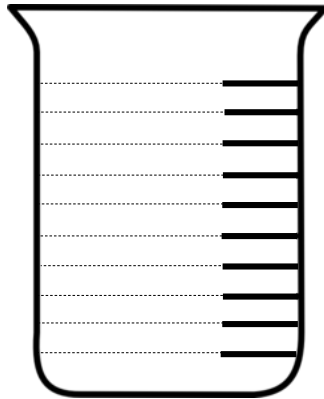
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Recording rainfall

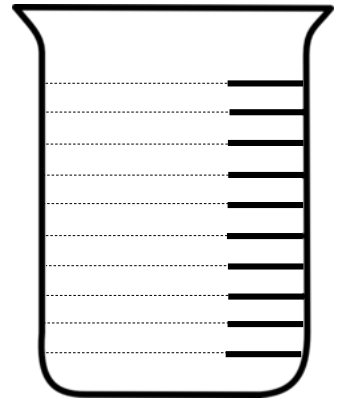
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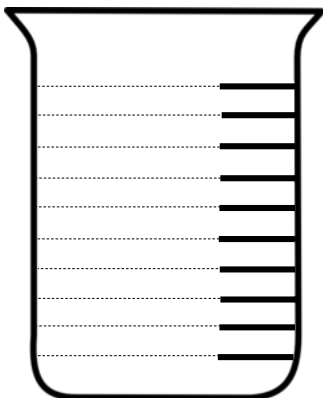
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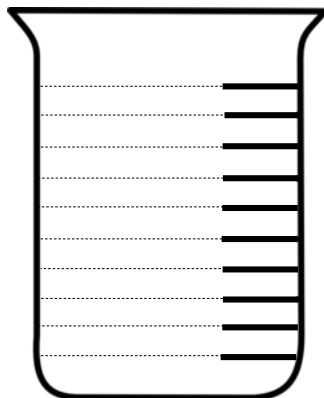
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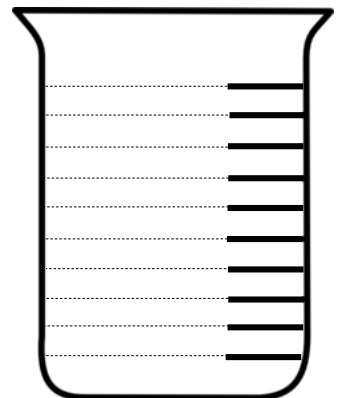
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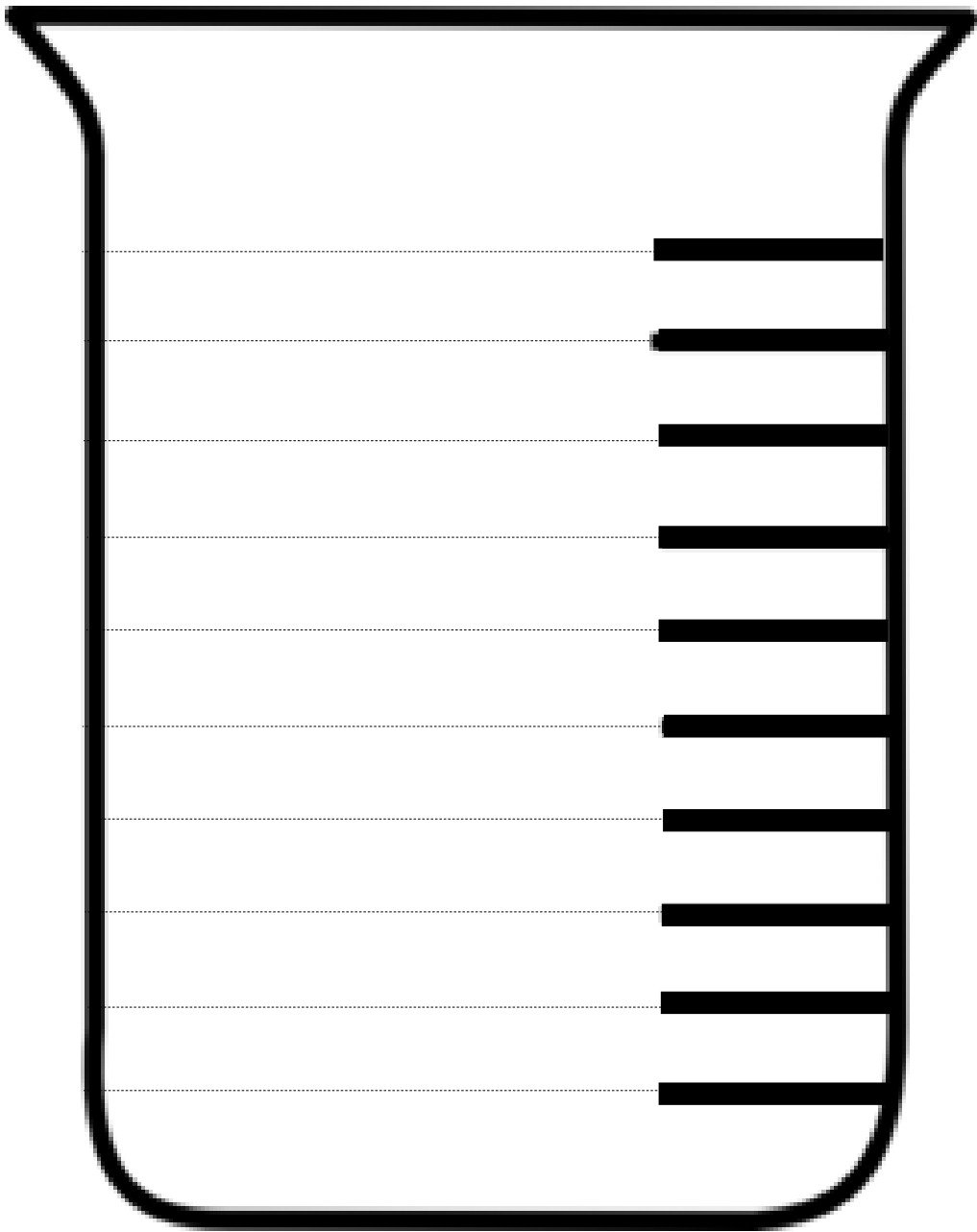


Week
Date:



Week
Date:

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Date: