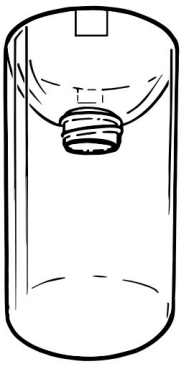
Activity T.1
Making a Rain Gauge

STEAM WITH WATER

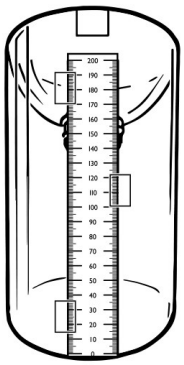
You need:

- 1-2L flat-bottomed plastic bottle with the top cut off
- top of the bottle to use as a funnel
- waterproof clear tape
- ruler or laminated measuring strip
- permanent market

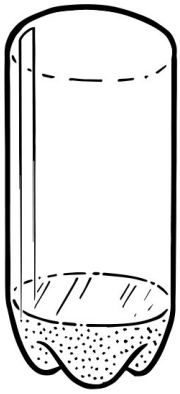
1. Place the funnel in the top of the bottle



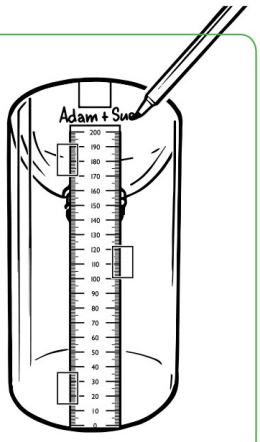
2. Tape the ruler to one side of the bottle, making sure that the '0' on the ruler is level with the base of the bottle or level with the sand and water already in the bottle.



3. If your bottle doesn't have a flat base, pour sand in the base. Pour enough water in so it's just above the level of the sand and at the 0mm mark on the ruler.



4. Use a permanent marker to write your names on the gauge.



5. Decide on an open place to set up the rain gauge. Dig a small hole so that the bottle will not tip over. Pack the soil firmly around the bottle. You could also attach it firmly to a fence or post

6. Check the rain gauge at the same time each day and record how much water is in the gauge.

7. Empty the gauge each day after the amount of water is recorded.

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Your rainfall Use the table below to record & graph your daily rainfall recordings.

Rainfall (mm)	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Date:	Date:	Date:	Date:	Date:	Date:	Date:
	Time:	Time:	Time:	Time:	Time:	Time:	Time:
200							
190							
180							
170							
160							
150							
140							
130							
120							
110							
100							
90							
80							
70							
60							
50							
40							
30							
20							
10							
0							

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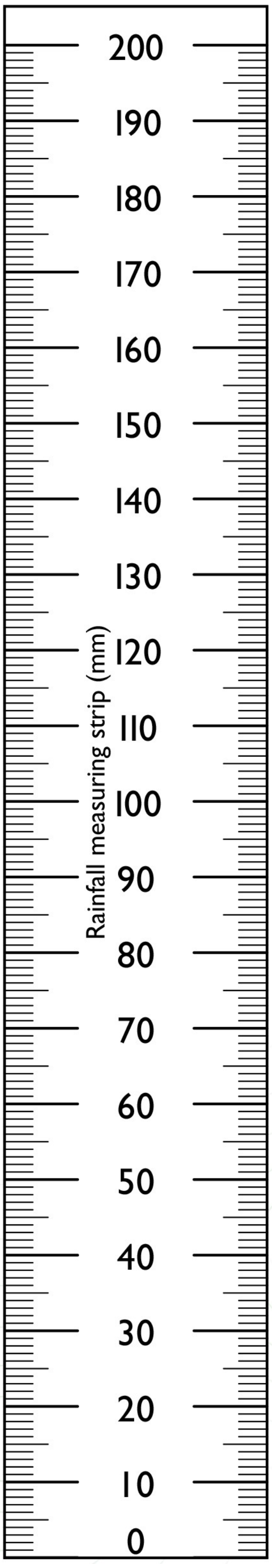

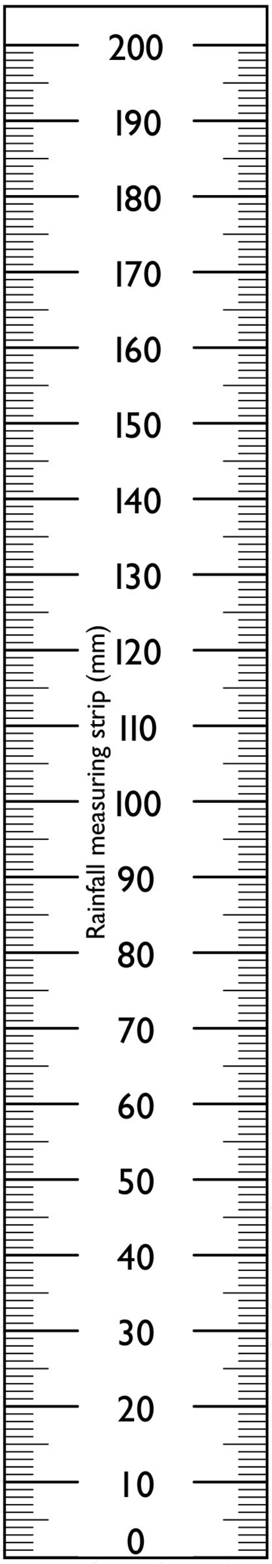

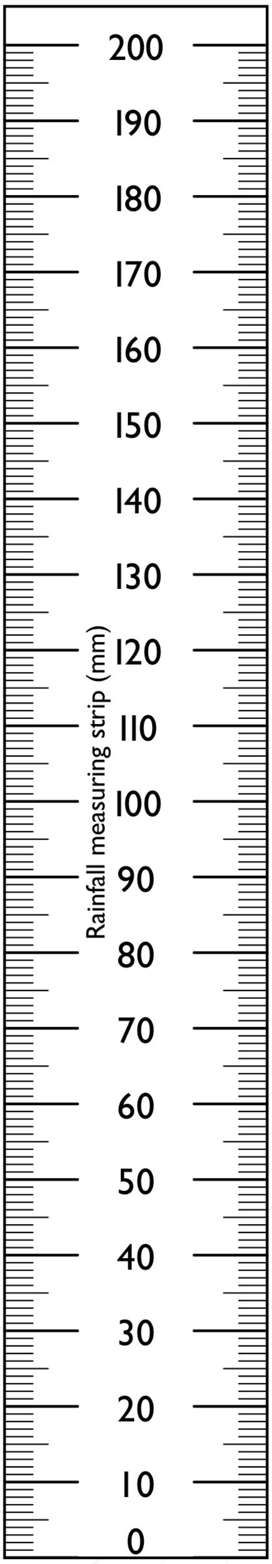

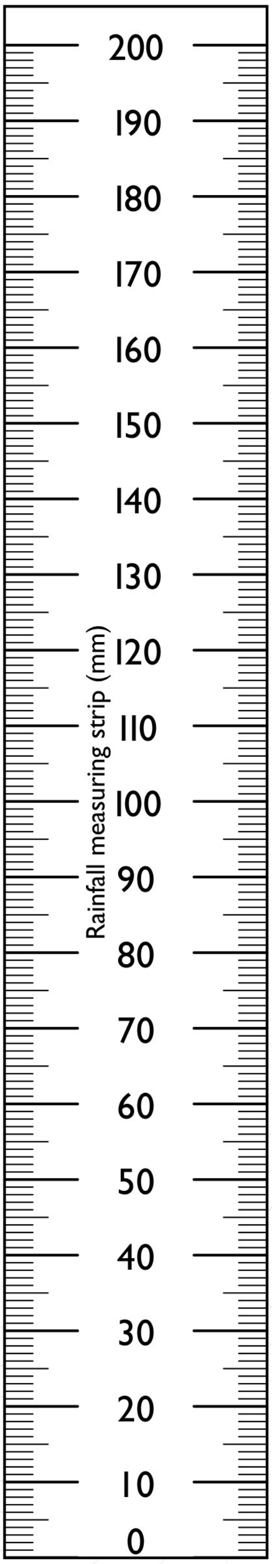

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