Aim to complete one task per day. There is a range of tasks to choose from each week.
Crazy capacities

Collect five different empty containers from around the house.

Which one do you think has the greatest capacity?

Investigate to see whether you were correct!

Tip: You may want to use one container as your unit of measure, for example count how many cups of water fit into each container

How close were you to your estimates?
Crazy capacities 2

Collect five different empty containers from around the house. Estimate their capacity and arrange them in an order. Explain how you’ve chosen to order them to someone else. Now test your estimates by filling out and measuring using a jug the actual capacity.

<table>
<thead>
<tr>
<th>Container</th>
<th>Estimated capacity</th>
<th>Actual capacity</th>
<th>Difference</th>
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How close were your estimates? Calculate the difference between your estimates and the actual capacity.
Calling all containers

• Container A holds 1000 ml
• Container B has half the capacity of D
• Container C holds 100 ml more than B but 150 ml less than D
• Container D holds half as much as A
• Container E has a capacity of one and half litres

Use the clues to work out the capacity of each container.
Temperature

If you have a thermometer, place it for a day in different places around the house and track how the temperature changes across the week. How will you record this?

0 °C

Zero degrees Celsius

Water freezes at

°C

Degree Celsius

When the .......... is 25 °C, it is warm.

.......... is a unit of measurement.

Match the cards together. Then make another pair of cards that you could add to this set.

If you have a thermometer, place it for a day in different places around the house and track how the temperature changes across the week. How will you record this?
Volume levels

Either in the bath or in a tub outside, grab some containers and play around filling them with water or sand.

Will the volume of water or sand from one container fill another container?

Which one has the greatest volume?

Which container has the smallest volume?

What can you do to change this?