

Capacity challenge

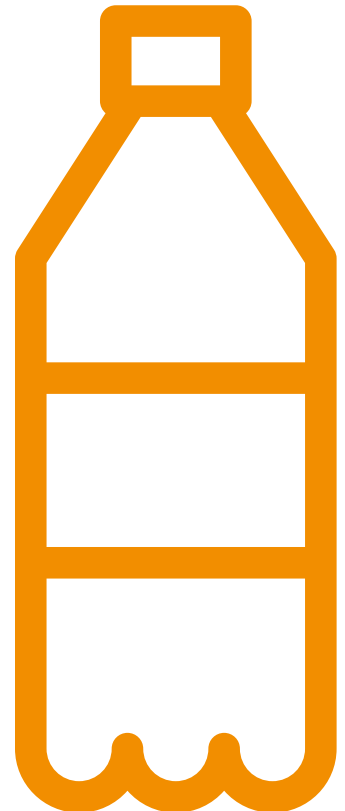


Family Maths
Toolkit

Make a collection of empty different containers. Choose one to be the measuring container.

Which other container do you think will hold more? Can you find a way to measure it? You could use water, pasta, rice, sand, bubbles (in the bath).

Now find a container that will hold less. How many of the little containers can you fill with your measuring container? Were there any surprises?



Family comments:

Child comments:



Curriculum Link

Compare and describe capacity/volume (full, empty, more than, less than, half, quarter).

Paddy the dog's week



Family Maths Toolkit

Here is one of Paddy's weeks.



Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Went for a long walk to the woods	Had a special dinner with a fish finger in	Went down to the beach	Had a bath	Chewed a favourite tennis ball	Got a new collar	Played with Monty my friend

Can you show what you do each day of one week? Which was your favourite day? Are there some things you do on the same day every week?

Helpful hint: Talk about the next day; the day before; in two days time; every Tuesday; how many days from Monday to Friday.

Family comments:

Child comments:



Curriculum Link

Sequence chronological events and know the days of the week.

Weight of fruit



Family Maths
Toolkit

Find some fruit or vegetables (such as an apple or potato or similar).

1. Find 3 different ones – which one do you think will be the heaviest?
2. Now hold them in your hand one at a time – were you right?
3. Can you find 3 things which you think will be lighter than a potato?
4. Can you find 3 things which are heavier?
5. Find your 5 favourite toys – can you put them in order, lightest to heaviest?



Family comments:

Child comments:



Curriculum Link

Compare, describe and solve practical problems for mass/weight.

Train driver's challenge



Family Maths Toolkit

A toy train set has one engine, five blue carriages and two red carriages. How many different ways can the carriages be arranged?

Here is one way:



Can you draw any more ways?

Family comments:

Child comments:



Curriculum Link

Solve problems through reasoning and working systematically, finding all the possibilities.