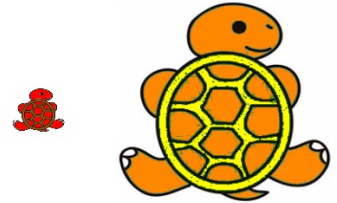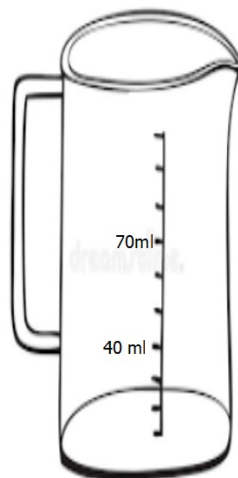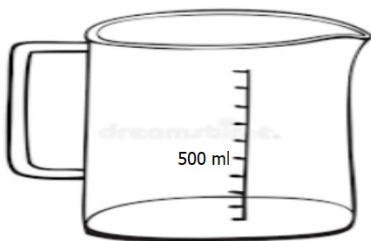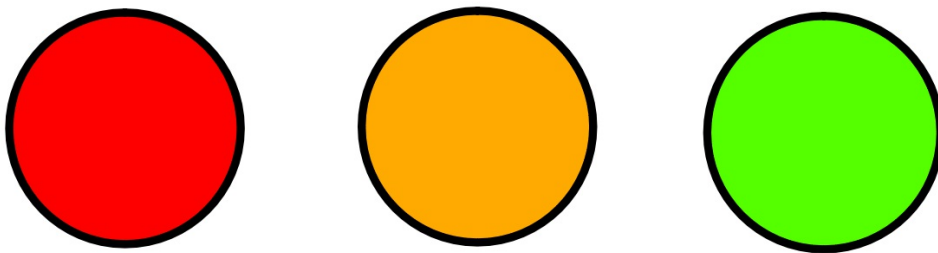# Brain Warmer

I have two containers to show you. Mr Hoppy says one is for a bigger tortoise and one is for the smaller tortoise. Which do you think is for the bigger tortoise and why?

500 ml

70ml

40 ml

Lesson 4

I can estimate and compare capacity in millilitres (ml)

I can compare capacities using ‹, › and = signs

Esio Trot

Mr Hoppy is having trouble feeding the tortoises.

Can you help him order the containers according to their capacity.

How can we order the containers by their capacity?

We are going to estimate how much water can be held in each container.

Next we will measure their capacity.

Finally we will order the containers by their capacity to find out which one feeds each tortoise.

What is an estimate?

An estimate is a sensible guess.

If I know a bottle holds 500 ml of water is 1000ml a good estimate for an egg cup? Why?

An estimate is a <u>sensible</u> guess

Time to get busy!
Find a measuring jug and 2 containers.
Use the scale on the jug to measure accurately in ml each time.
(stay by the sink to help you pour out each amount)

Let's fill a measuring jug with 200 ml of water. (use the scale to measure accuratley)

Have a look at how much is poured out. - is it more or less than you expected?

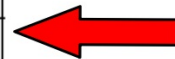Now let's measure 500 ml of water.

Have a look at how much is poured out.

**Collect the following objects ...
water bottle, cup, egg cup, plastic pot,
bowl**

Let's estimate first

How much liquid do you think each container will hold?

Object	Estimation in ml
Water bottle	
Teachers cup	
Egg cup	
Paint pot	
Pudding bowl	

**Fill in each
estimation
on the
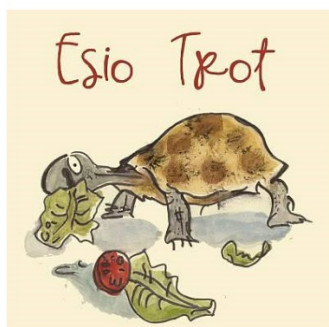worksheet.**

Now let's measure each container.

Use a jug to measure accurately in ml.

Fill each container with water, pour the water into a measuring jug and record the actual amount held in the table.

Object	Estimation in ml	Capacity in ml
Water bottle		
Teachers cup		
Egg cup		
Paint pot		
Pudding bowl		

Can you finish these
sentences...

Esio Trot

> means greater than
< means less than
= means equal to

Teachers cup

Egg cup

Paint pot

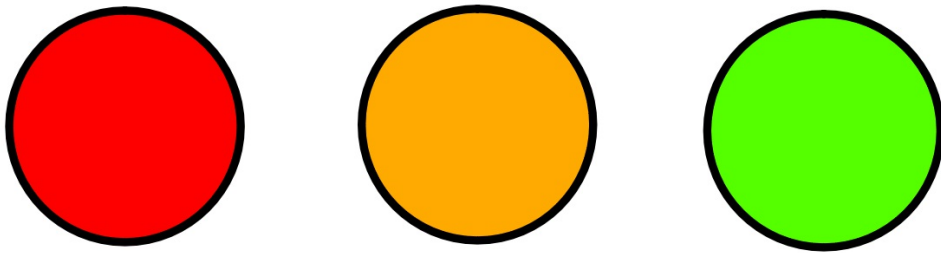The_____ is < the _____

The_____ is > the _____

The_____ is = the _____

Pudding bowl

Can you write some of your own <, > or =
sentences?

Water bottle

I can estimate and compare capacity in millilitres (ml)

I can compare capacities using ‹, › and = signs