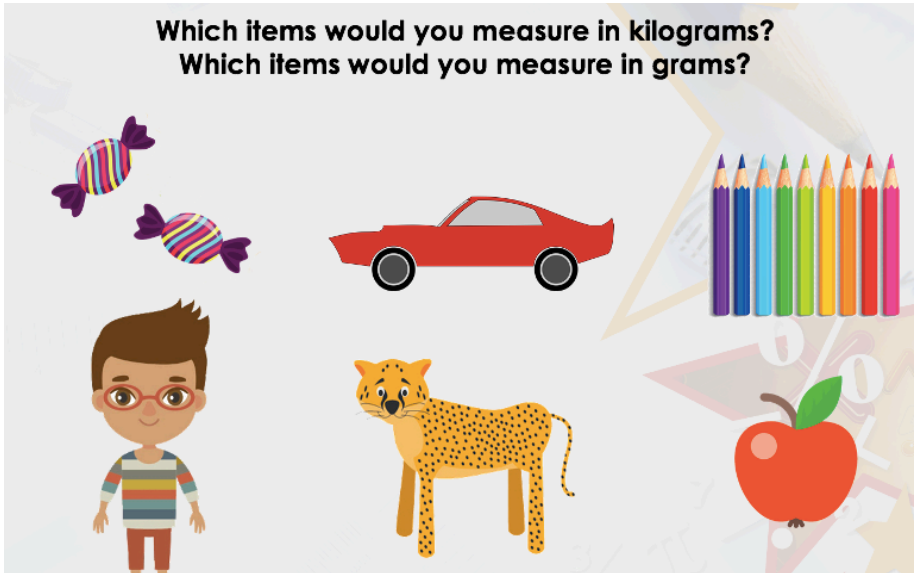
More Maths Measurement!

Kilograms or grams?
It is important to understand what size measurement to use.
The smaller the measurement used the more precise it is.
You may not have any scales in your house but don't worry.
A Kilogram is the weight of one bag of sugar.
Kilo means thousand so 1000g = 1 KG

How many Metres do you think are in 1 Kilometre?



Have look through your cupboards can you create 2 Circle Maps one for items weighing less than 1kg (1000g) and one for those weighing more than 1kg.
Do any weigh exactly 1kg?!
Make sure you ask an adult first. :)

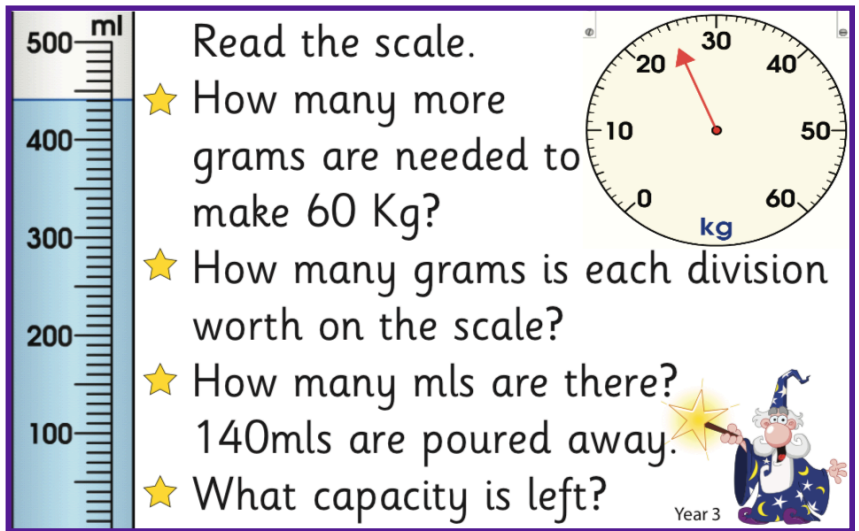
Create a table (like the one below) with everyday items you have found in your house and decide whether it would be best to measure using Kilograms or grams.
If you have scales have a go at estimating the mass of smaller items and then weighing it.

Item	Kilograms	grams	Estimate	Actual weight
Apple		X	50g	75g
Dining Table	X			
Book		X	150g	163g

Continue to practise telling the time.
What time does the clock show?

Order, Order!
Have a look at the sets of four quantities below. Can you rank each set in order from smallest to largest.
To help you decide, you may need to find extra information or carry out some experiments.
Spicy- Add other items into the lists.
Extra Spicy- After completing create your own new lists.

Time	Taken to travel to school For mustard and cress to grow from seeds Taken to eat a biscuit Between your 6th and 7th birthdays
Distance	You could jump up in the air You can kick a football You can run in half a minute Length of a bug
Mass	Of a blown-up balloon Of a bar of chocolate Of a loaf of bread Of you
Capacity	Of an egg cup Of a mug Of a carton of juice Of a drinks bottle



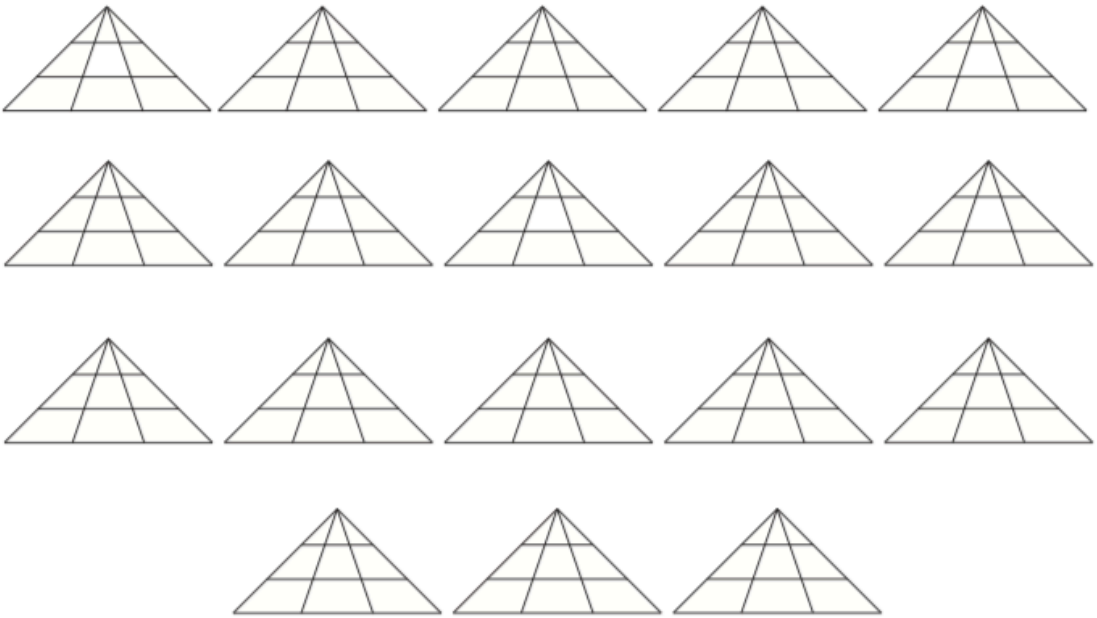
★ What could the 2 missing numbers be?
List all the possibilities.

★ What could the calculation be?
List all the possibilities.

Ask other family members how many triangles they see. Do you get the same answers?

llenge Activity - Recording Sheet

How many triangles do you see?



Healthy Eating 3 Times Tables and Division Facts Mosaic

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

Red: 1 to 6 | **Blue:** 7 to 12 | **Brown:** 13 to 21 | **Green**: 22 to 32 | **White:** 33 to 36

36 ÷ 3	4 × 3	24 ÷ 3	3 × 3	5 × 3	27 ÷ 3	21 ÷ 3	8 × 3	4 × 3
30 ÷ 3	27 ÷ 3	4 × 3	24 ÷ 3	7 × 3	4 × 3	10 × 3	9 × 3	8 × 3
27 ÷ 3	3 × 3	15 ÷ 3	1 × 3	6 × 3	3 × 8	9 × 3	8 × 3	4 × 3
4 × 3	12 ÷ 3	12 × 3	18 ÷ 3	7 × 3	8 × 3	3 × 9	2 × 3	36 ÷ 3
1 × 3	11 × 3	18 ÷ 3	15 ÷ 3	3 ÷ 3	9 ÷ 3	1 × 3	12 ÷ 3	9 ÷ 3
15 ÷ 3	12 × 3	15 ÷ 3	2 × 3	12 ÷ 3	3 ÷ 3	15 ÷ 3	18 ÷ 3	3 ÷ 3
1 × 3	18 ÷ 3	9 ÷ 3	1 × 3	15 ÷ 3	18 ÷ 3	3 ÷ 3	6 ÷ 3	1 × 3
4 × 3	6 ÷ 3	1 × 3	18 ÷ 3	1 × 3	2 × 3	15 ÷ 3	1 × 3	3 × 3
36 ÷ 3	3 × 3	9 ÷ 3	2 × 3	18 ÷ 3	12 ÷ 3	3 ÷ 3	36 ÷ 3	30 ÷ 3
27 ÷ 3	30 ÷ 3	4 × 3	6 ÷ 3	15 ÷ 3	2 × 3	24 ÷ 3	21 ÷ 3	33 ÷ 3

Challenge: Use inverse operations to write the related calculations for these number facts. Explain how you calculated the inverse.

18 ÷ 3 = 6 27 ÷ 3 = 9 4 × 3 = 12