



**Year 2**  
**Maths**  
**23/06/2020**



# Lesson Aims

- To be able to estimate and weigh in g and kg.
- I can make a sensible guess for how heavy an object will be.
- I can read the scale accurately.



# Fluency Starter

## Missing Numbers 1

Can you work out which numbers are missing?

Click the magic wand to check.

			37
44	45	46	
54			57
64	65	66	
74		76	77





# Main Teaching

- Today we are going to estimate and weigh different objects.
- We are going to read scales accurately.



# Main Teaching

- <https://www.bbc.co.uk/bitesize/clips/z7w7tfr>





# Main Teaching

- What units of measurement do we use when measuring how heavy an object is?



- What would we use to measure the weight/mass of something?





# Measuring mass/weight...

We use scales to measure **grams**.

A gram is a small unit of measurement that we use to measure how heavy or light something is.

We can write gram as **g**.

We measure the following using grams:



We also use scales to measure **kilograms**.

A kilogram is a larger unit of measurement that we use to measure how light or heavy something is.

We can write kilogram as **kg**.

We measure the following using kilograms:



$$1000\text{g}=1\text{kg}$$



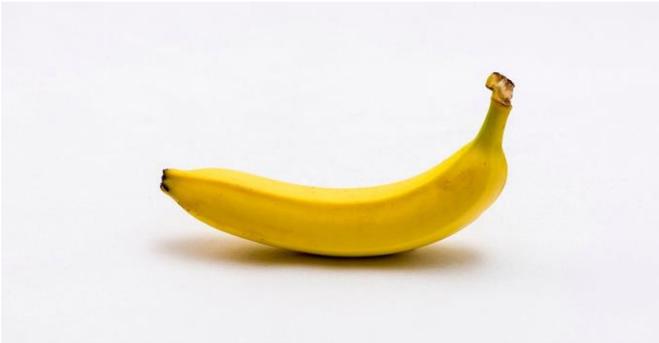
# Main Teaching

- What does it mean to make an estimate?
- Making an estimate means making a sensible guess.





# Main Teaching



Here I have a delicious banana.

I am going to estimate how heavy it is.

Estimate weight: 50g

I put them on the scales: It is 35g





# Your task...

1. Choose some objects to weight.
2. Estimate how heavy each object will be in g/kg.
3. Weigh how heavy each object is.

## Measuring Weight

Learning objective: To be able to estimate and weigh in g and kg.

Using the table below:

FIRST: estimate how many of each unit your object is going to weigh.

THEN: weigh how much the objects weigh using each unit.



Unit	Estimation	Mass/weight
A Pencil case 		



Which object was the heaviest? \_\_\_\_\_

Which object was the lightest? \_\_\_\_\_



# To finish things off...

Would you measure how heavy these objects are using kg or g? Talk to an adult.



Washing machine



Sweets



Salt



Bag of rice



kg



g



We would love to see a picture of your work. You could either email it to us or upload it on Purple Mash.

