## Week 6, Day 4 <br> Weight (1)

Each day covers one maths topic. It should take you about 1 hour or just a little more.

1. Start by reading through the Learning Reminders. They come from our PowerPoint slides.

2. Tackle the questions on the Practice Sheet. There might be a choice of either Mild (easier) or Hot (harder)!
Check the answers.

3. Finding it tricky? That's OK... have a go with a grown-up at A Bit Stuck?

4. Think you've cracked it? Whizzed through the Practice Sheets? Have a go at the Investigation...

## Learning Reminders



## Learning Reminders



## Learning Reminders

## Know that weight can be measured in kg and g.

We can use the pan balance to show that ten 100 g weights are equal to $1 \mathbf{k g}$. 1000 g is the same as 1 kg . We could use the pan balance to weigh a shoe to the nearest 100 g .



## Practice Sheet Hot Weight

How many 100 g weights balance each item?
Write the number of weights. Count in steps of 100 to find the weight in grams.
The first one is done for you.

$\qquad$ weights grams

$\qquad$ weights $\qquad$ grams
 grams

$\qquad$ weights $\qquad$ grams
$\qquad$ grams

## Practice Sheet Hot <br> Weight

Draw each item weighed in the correct place in the table below.

| Lighter than 500 grams | Heavier than 500 grams |
| :--- | :--- |
|  |  |

## Challenge

Write some items that make the same weight, e.g. 8 apples $=1$ cabbage.
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## Practice Sheets Answers

## Weight (mild)

Draw the things you think will weigh less than 100 grams,
e.g. strawberry, apple, onion, pencil, mouse, potato

Draw the things that might weigh about 1 kilogram,
e.g. Bag of sugar, book, cauliflower, teddy bear

Draw the things you think will weigh more than 1 kg , e.g. rucksack, cat, watering can

## Weight (hot)

| 200 g | 400 g | 800 g |
| :--- | :--- | :--- |
| 600 g | 100 g | 1000 g or 1 kg |


| Lighter than 500 g | Heavier than 500 g |
| :--- | :--- |
| banana $=200 \mathrm{~g}$ <br> orange $=400 \mathrm{~g}$ <br> apple $=100 \mathrm{~g}$ | cabbage $=800 \mathrm{~g}$ <br> aubergine $=600 \mathrm{~g}$ <br> bag of potatoes $=1 \mathrm{~kg}$ |

## Challenge

Accept any equality, e.g.
2 bananas = 1 orange
2 oranges $=1$ cabbage
1 bag of potatoes $=2$ bananas +1 aubergine, etc.

## A Bit Stuck? Ups and downs

Things you will need:

- Toys


## What to do:

- Choose two toys.
- Hold a toy in each hand with your arms outstretched - you be the balance! Guess which is heavier. Which arm needs to move up and which needs to move down?
- Repeat with other pairs of toys.



## Learning outcomes

- I can compare the weights of two toys.


