

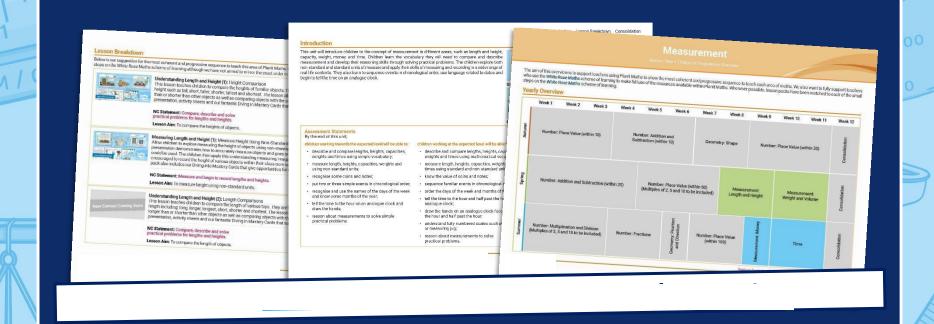
Maths

Measurement

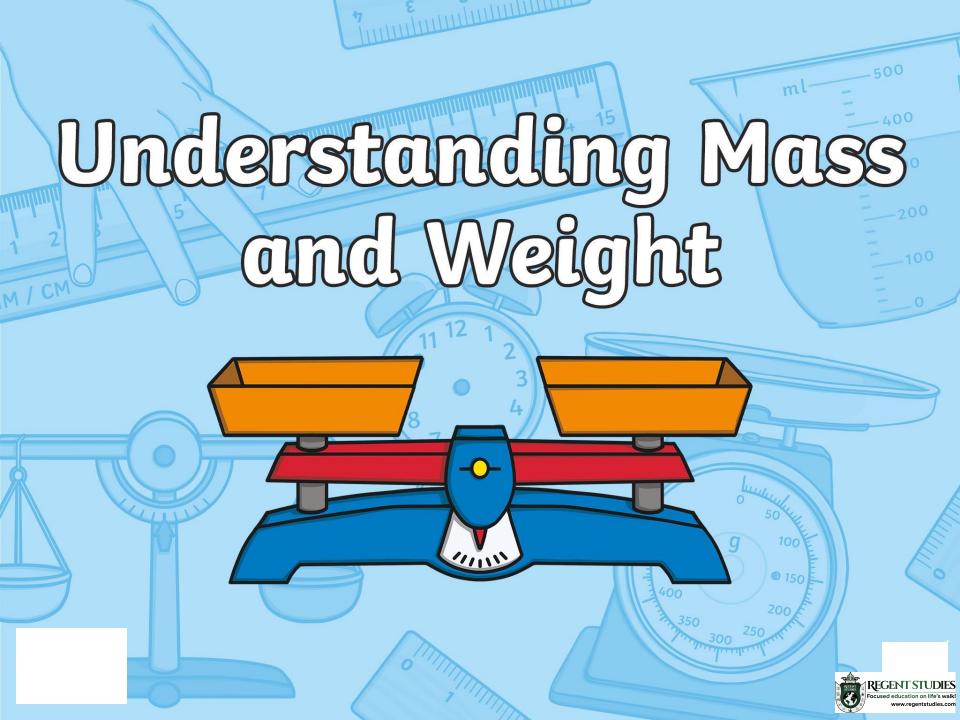


Maths | Measurement | Weight and Mass | Lesson 1 of 4: Understanding Mass and Weight

Need a coherently planned sequence of lessons to complement this resource?







Aim

• To compare and describe the mass of objects.

Success Criteria

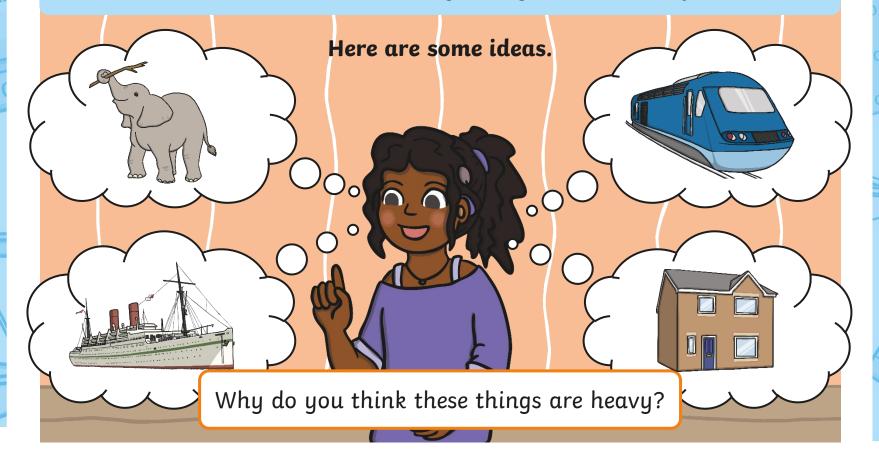
- I can use balance scales to compare the mass of objects.
- I can describe mass.
- I can reason about mass.



Remember It



What is the heaviest thing that you can think of?

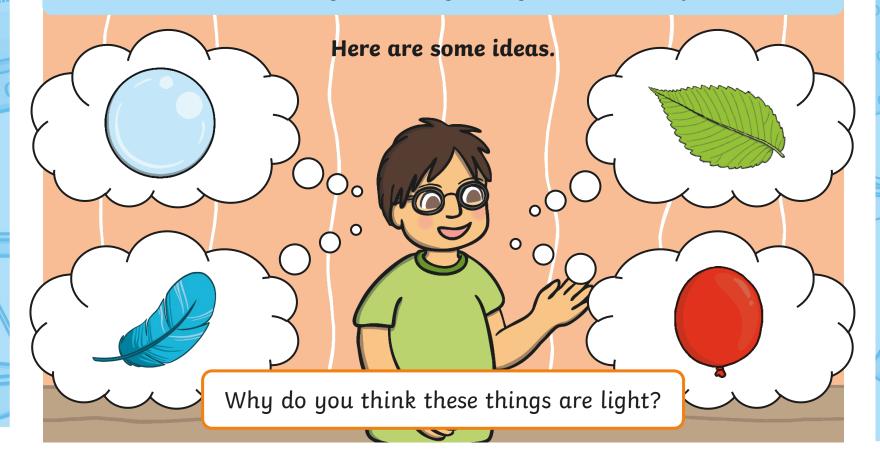




Remember It



What is the lightest thing that you can think of?

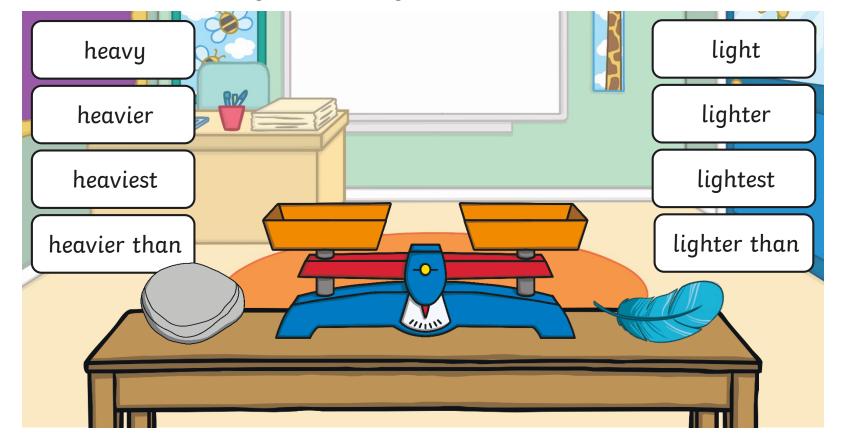




Weight and Mass



When we talk about weight, we mean how heavy or light something is. We call this mass.





Balance Scales



Balance scales show us how heavy things are compared to other things. They help us compare their mass.

The pink box is **lighter** than the yellow box. What does the side that moves up tell us?



Balance Scales



What if the balance scales don't move?

What do you know about the yellow box and the blue box?

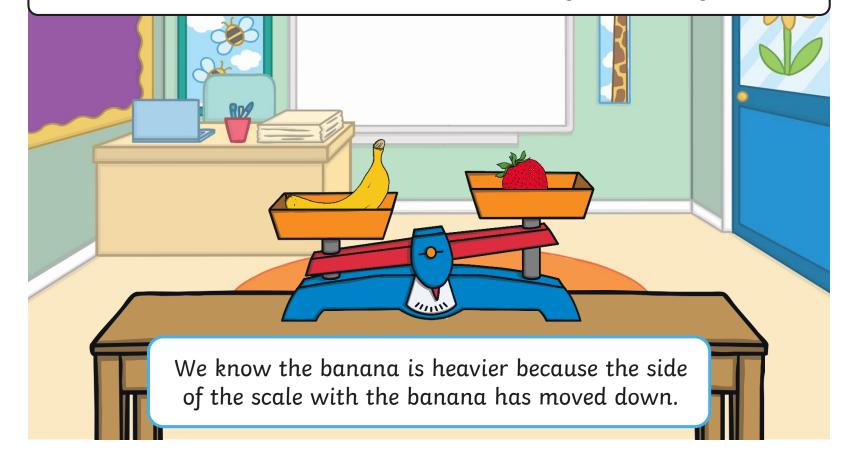
They weigh the same. They have the same mass.



Compare Mass



Which is heavier, the banana or the strawberry? How can you tell?

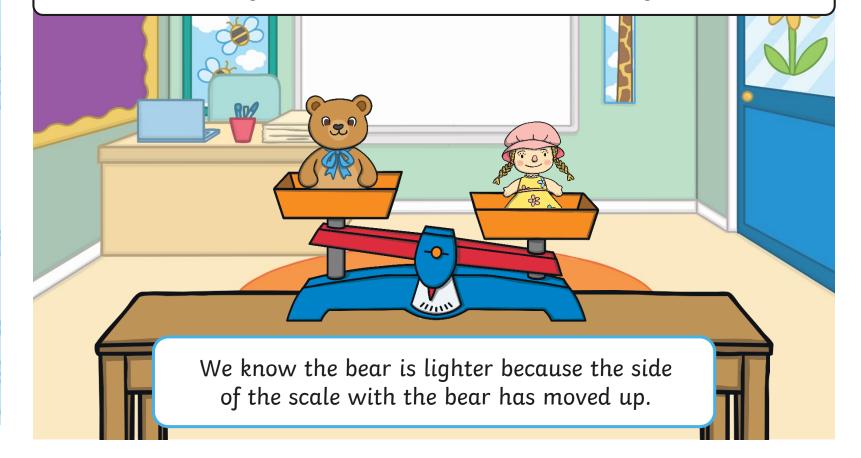




Compare Mass



Which is lighter, the bear or the doll? How can you tell?

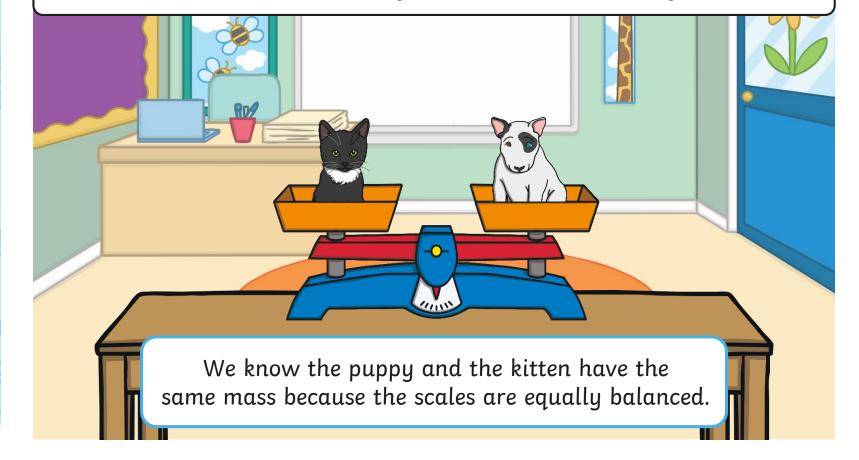




Compare Mass



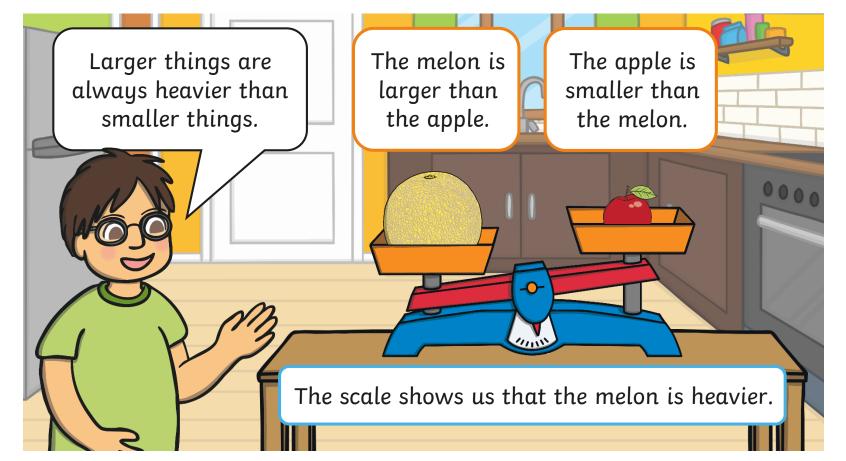
Which is heavier, the puppy or the kitten? How can you tell?





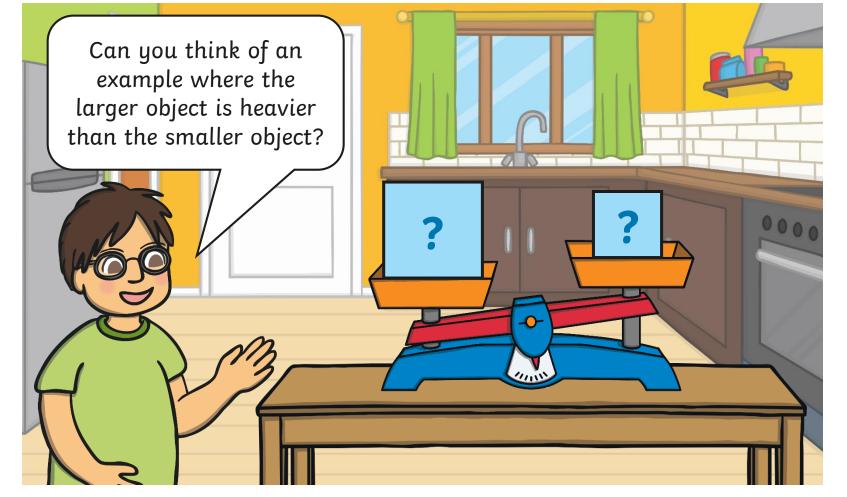


Do you agree? Can you explain why?





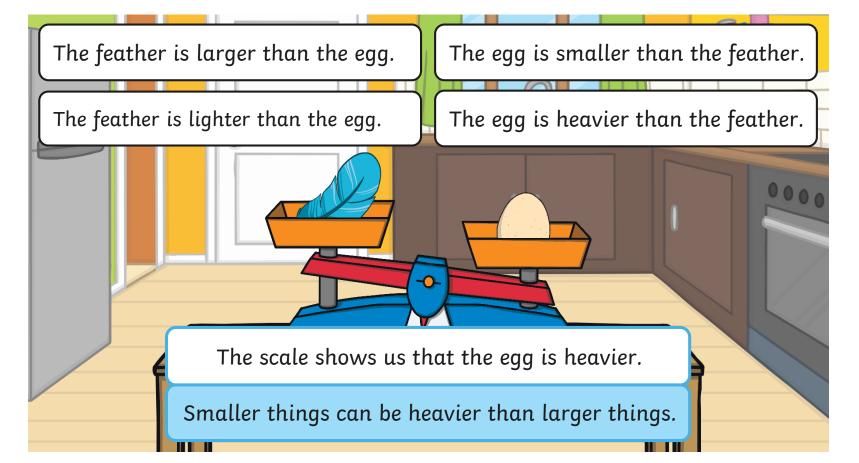








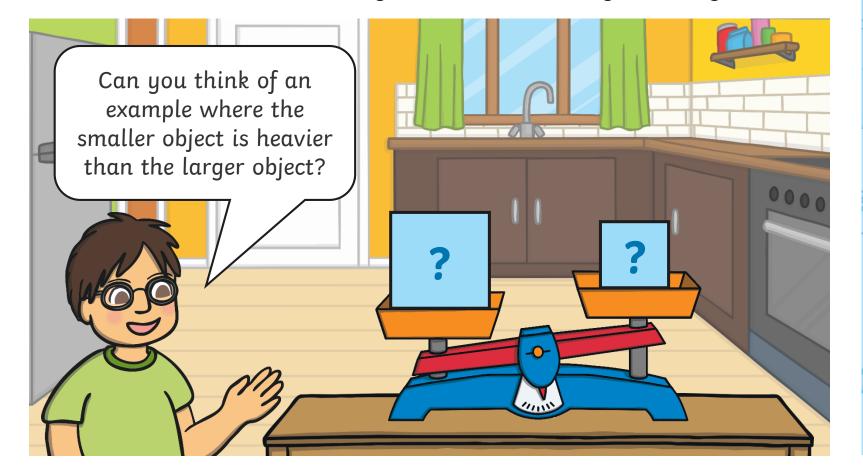
What do you notice about the egg and the feather?







Sometimes, heavier things are smaller than lighter things.

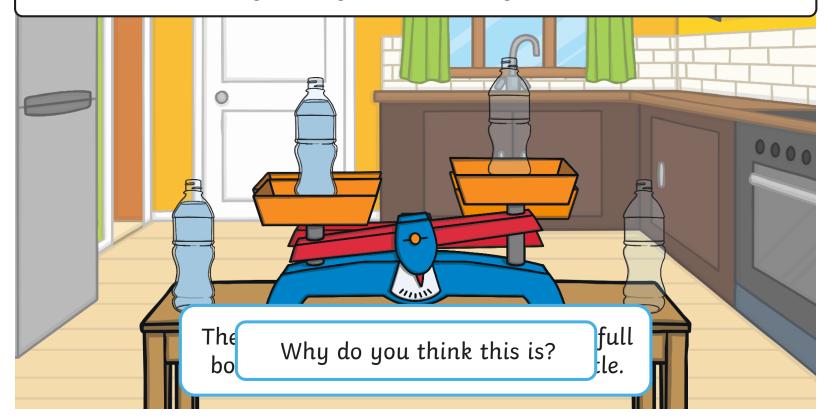






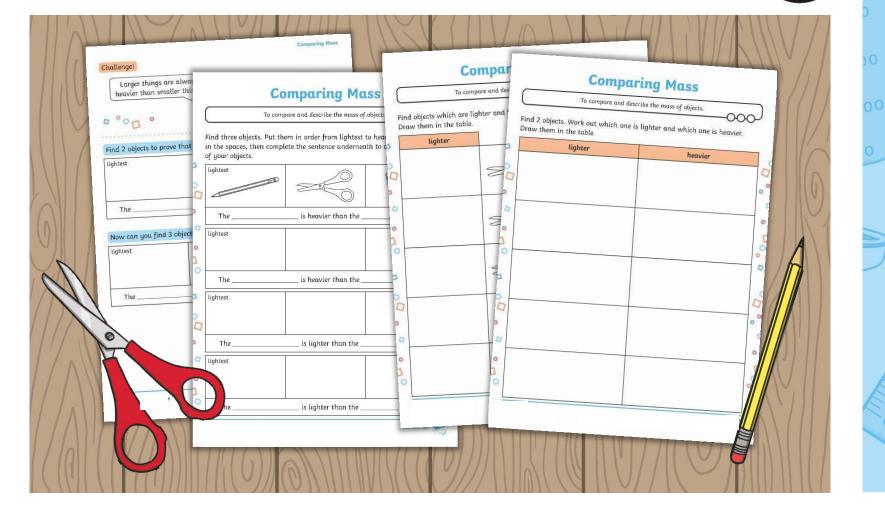
What will happen when I put these bottles on the scales?

Larger mings are not always neuvier.





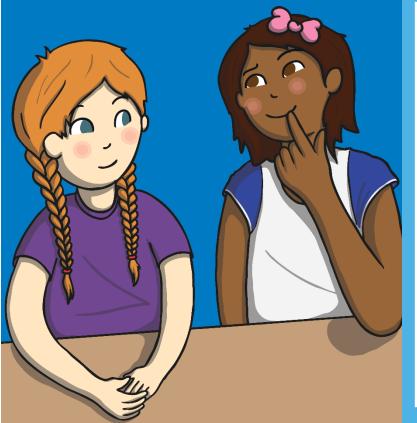
Comparing Mass

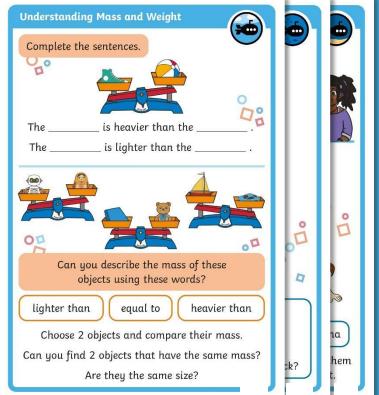


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Diving into Mastery

Dive in by completing your own activity!



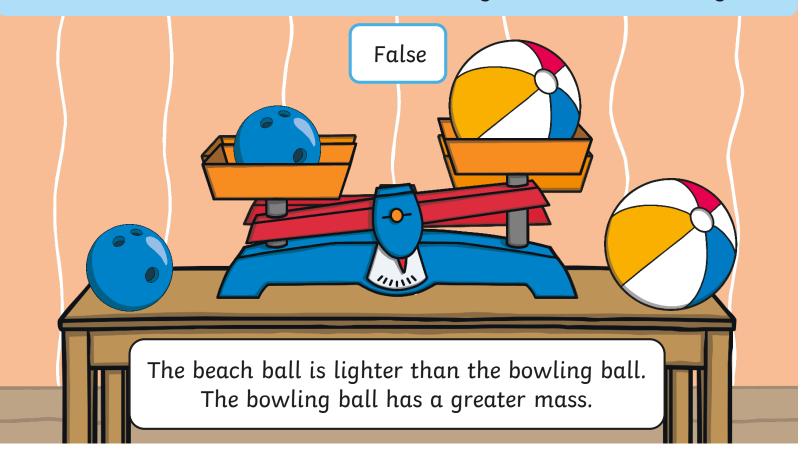


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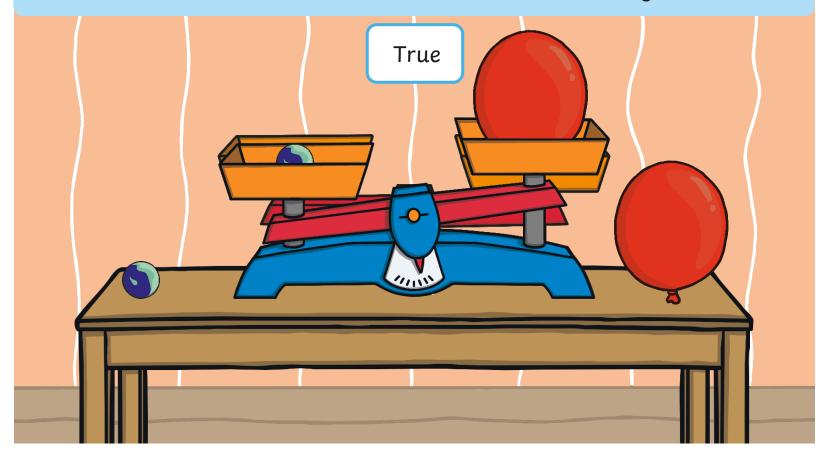
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The beach ball is heavier than the bowling ball because it is larger.





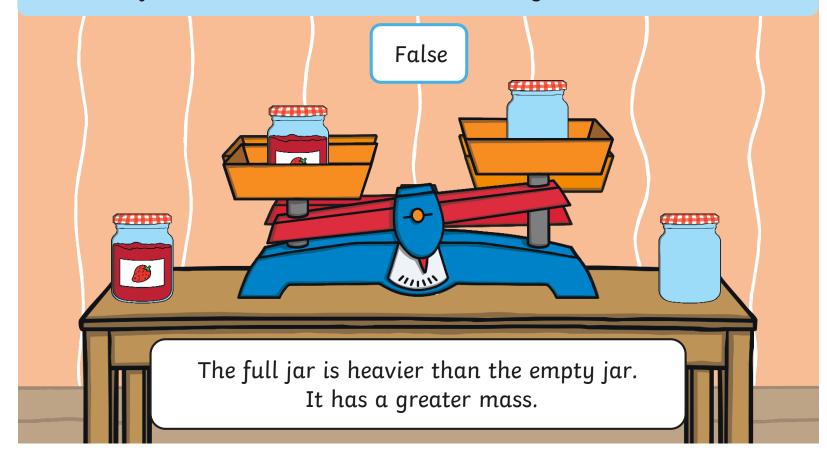
The marble is heavier than the balloon because it has a greater mass.







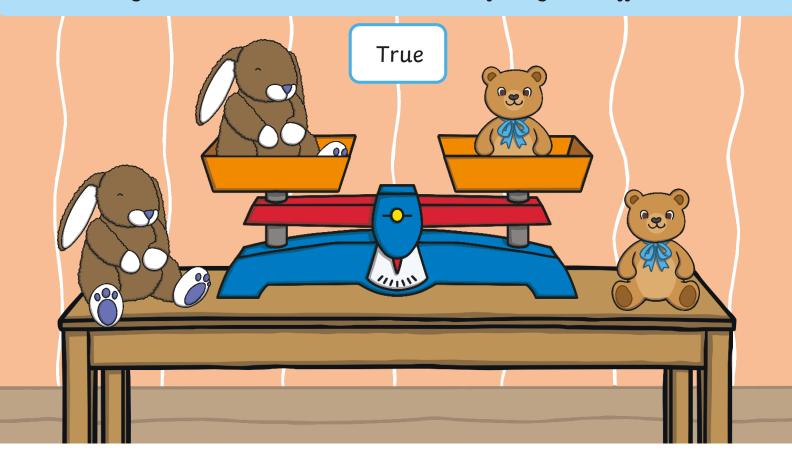
The jars have the same mass because they are the same size.







These toys can have the same mass even if they are different sizes.





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Success Criteria

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