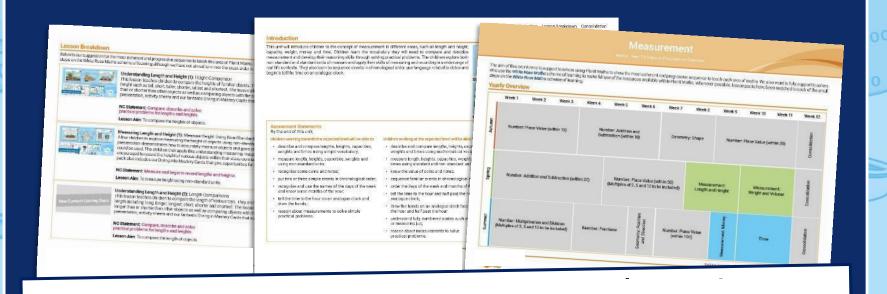
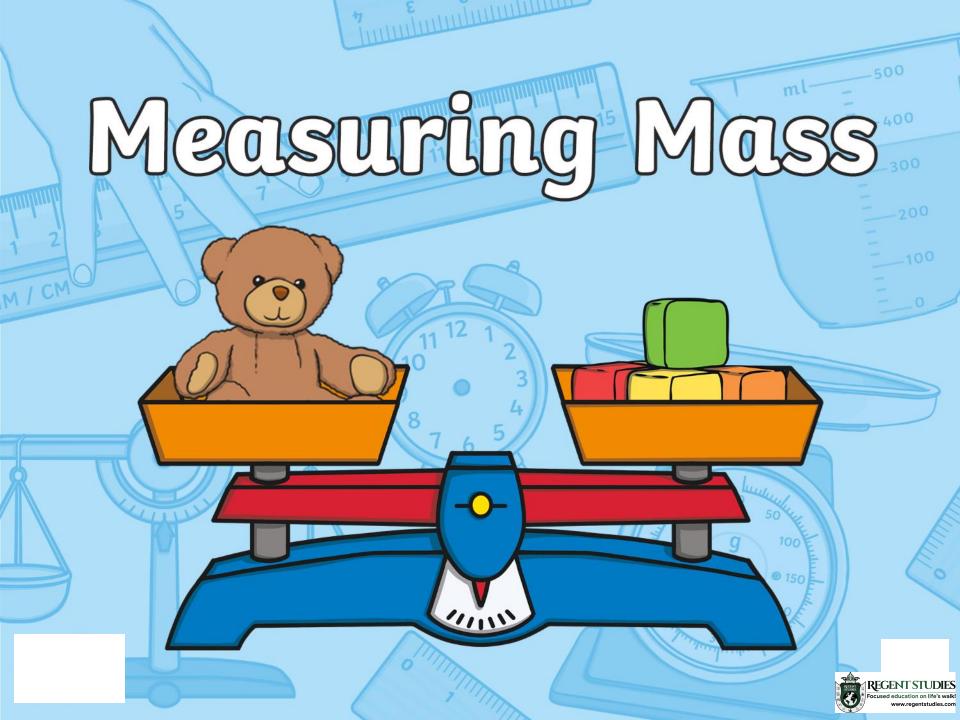


Need a coherently planned sequence of lessons to complement this resource?







Aim

• To measure mass.

Success Criteria

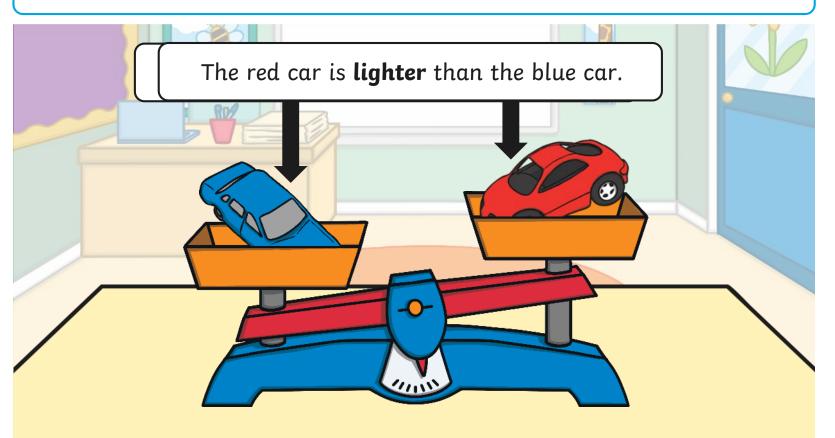
- I can use non-standard units to measure mass.
- I can describe measurements of mass.
- I can reason about mass.



Remember It



What are the balance scales telling us about the mass of the toy cars?

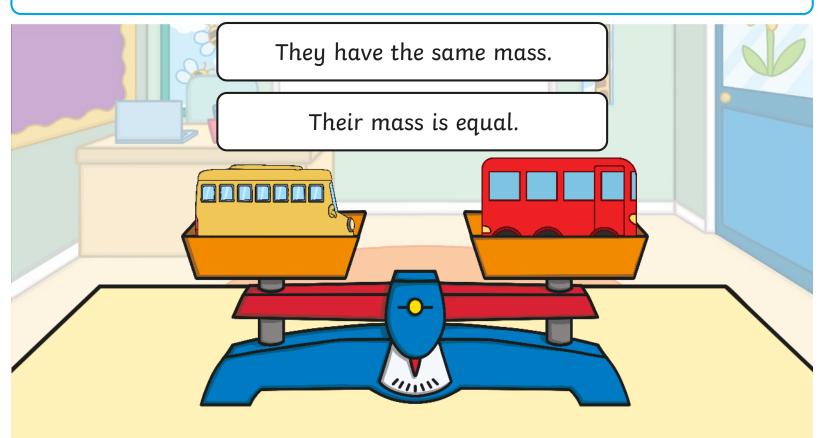




Remember It



What are the balance scales telling us about the mass of the toy buses?







We can use a balance scale to measure mass.

What does it mean when the balance scales looks like this?

When the sides of the scale are balanced, the mass on each side is the same.



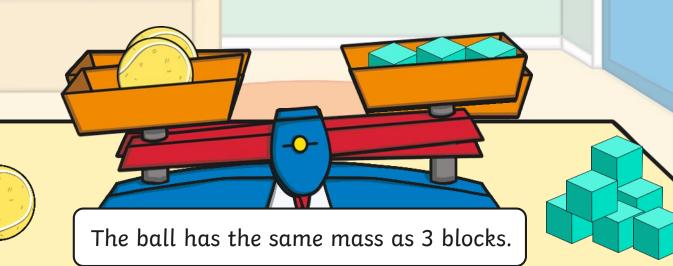




How can we use the balance scales and blocks to measure the mass of the ball?

Put the ball on one side of the balance.

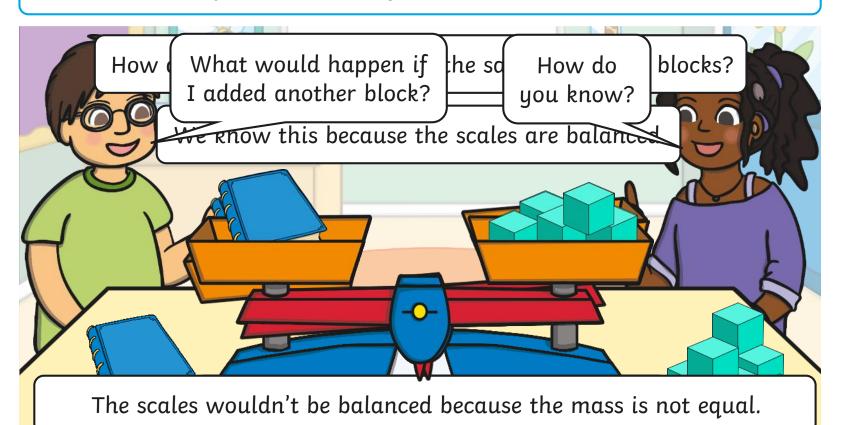
Place one block at a time on the other side until both sides are balanced.







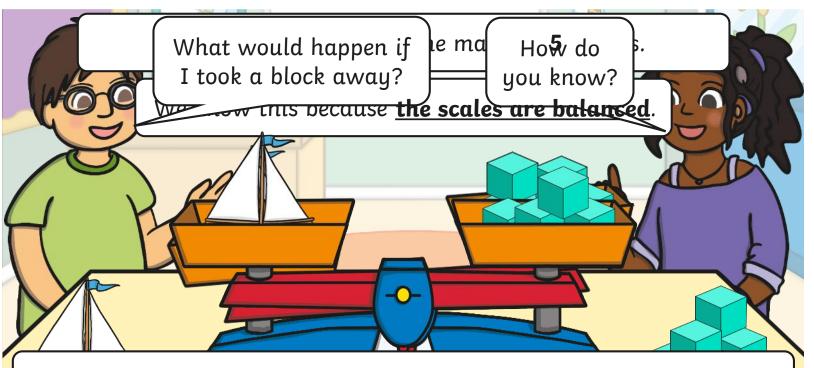
Let's find out how many blocks are equal to the book.







What is the mass of the toy boat?



The scales wouldn't be balanced because the mass is not equal.





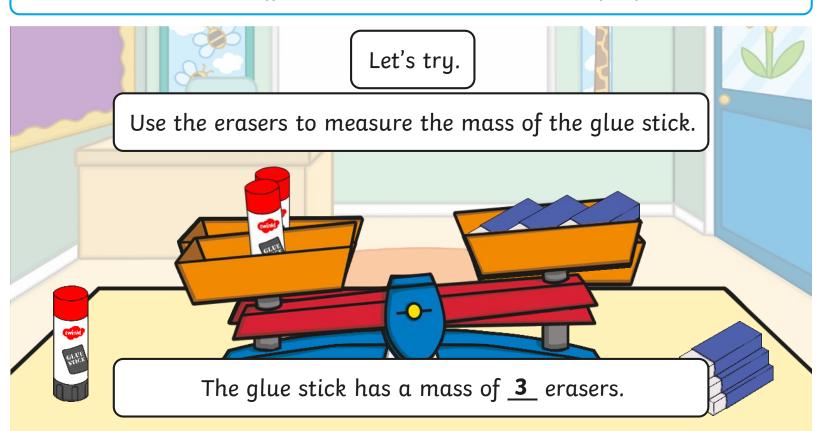
Use blocks to measure the mass of classroom objects.

How many blocks do you think will balance each object? The _____ has the same mass as ____ blocks. Stop when the scales are balanced.





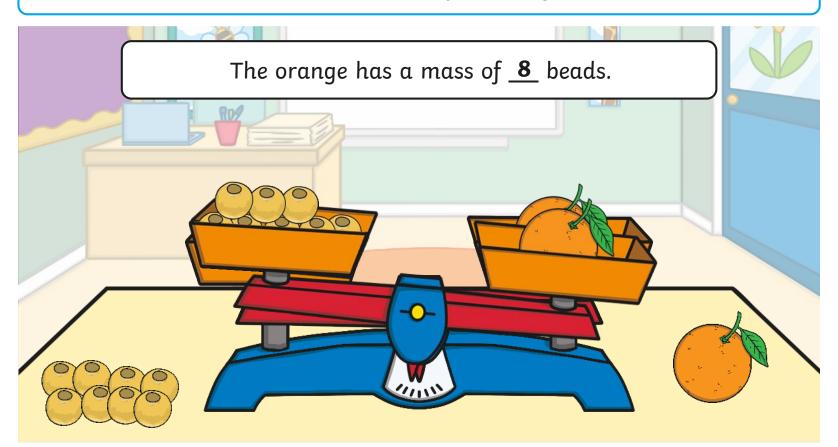
Can we use different units to measure the mass of objects?







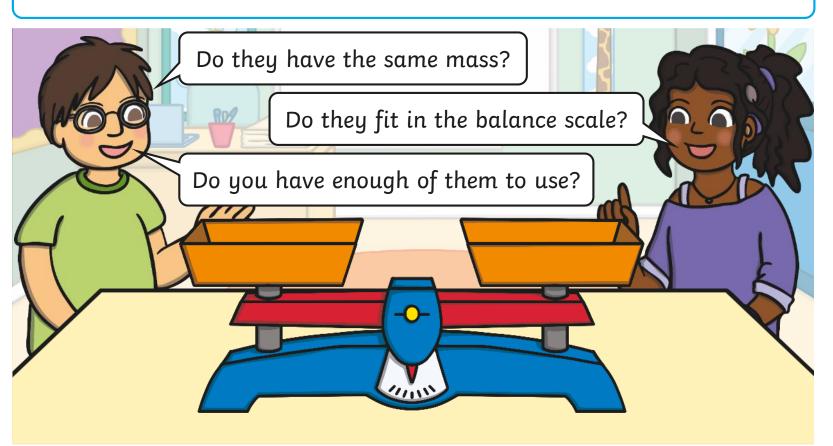
What is the mass of the orange?







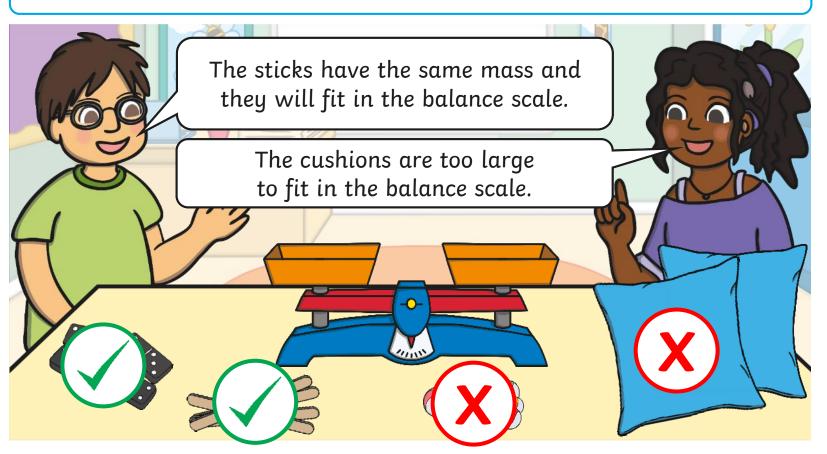
Here are some ideas to think about.







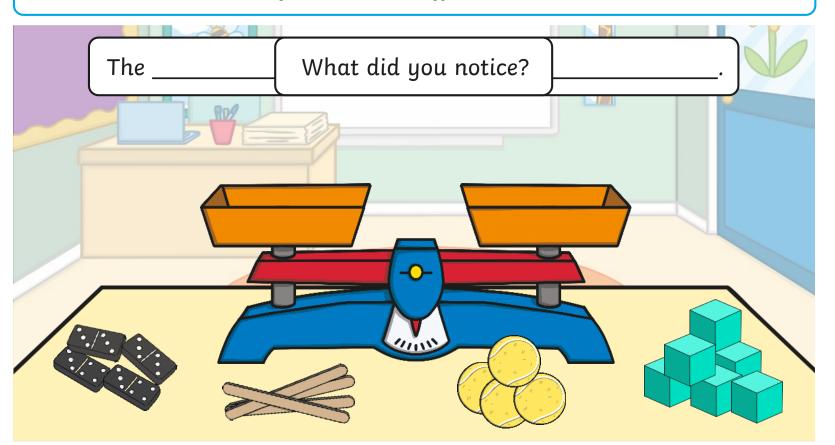
Do you think these would be good units of measure? Explain why.







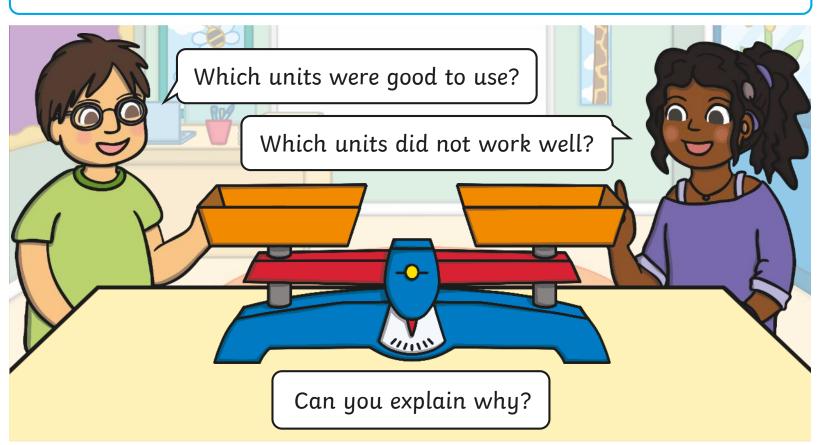
Choose a classroom object and use different units to measure its mass.







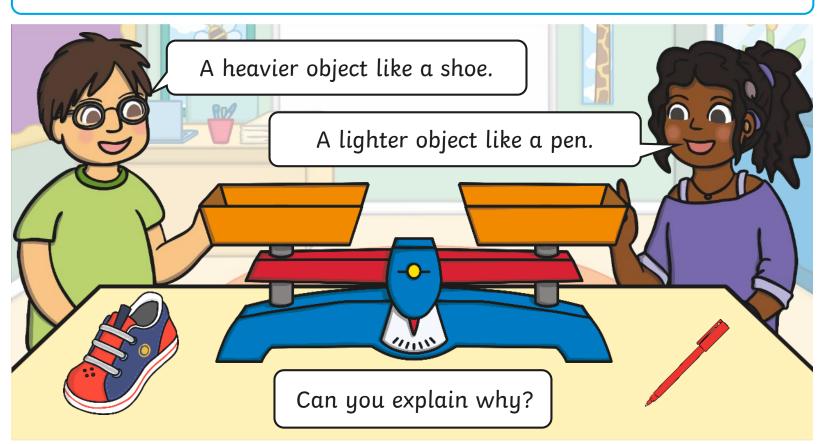
Talk to a friend about the units that you have just used to measure mass.







Which units would you use to measure the mass of these objects?







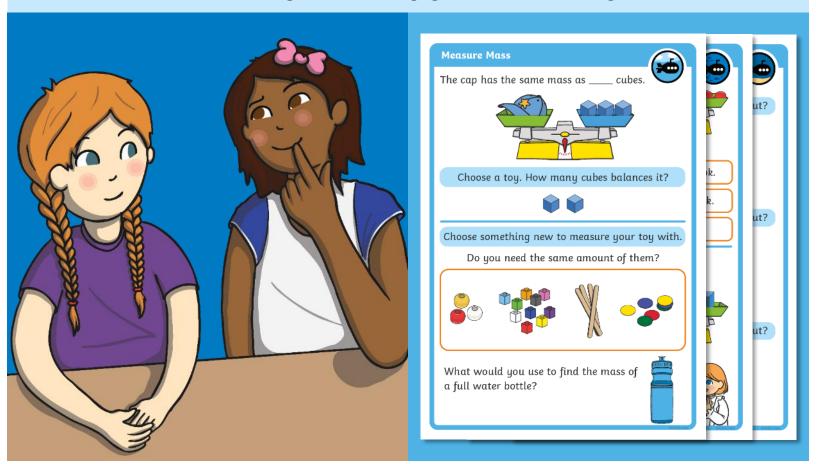
Measuring Mass			
Use blocks to measure the Measuring Mass			
glue s	Measure the mass of object		
Number of Blocks	Object glue s	Pick a lighter object.	Pick a heavier object.
	Number of Blocks Number	Choose different units to measure the mass.	Choose different units to measure the mass.
Which was	of Beads	Unit	Unit
	Did you use mor	Number of Units What was the best unit to measure lighter things?	Number of Units What was the best unit to measure heavier things?
		Why?	Why?



Diving into Mastery



Dive in by completing your own activity!

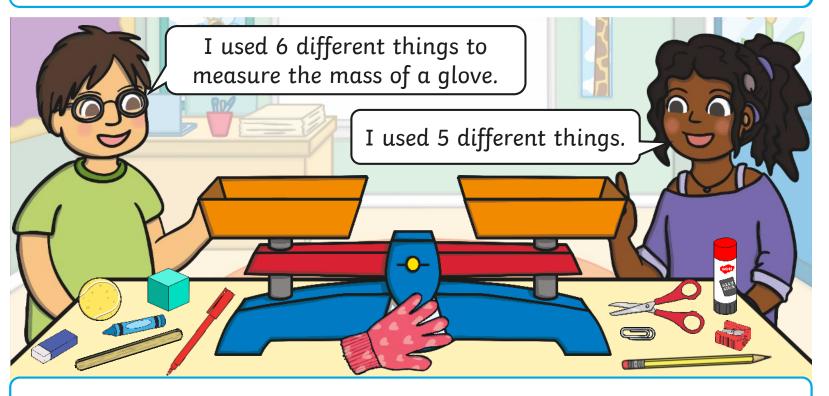




Check It



Why did they use a different number of objects?



Using 1 kind of unit will help you measure accurately.



Aim

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• To measure mass.

Success Criteria

- I can use non-standard units to measure mass.
- I can describe measurements of mass.
- I can reason about mass.



