

Measurement



Maths | Measurement | Measuring Length and Height | Lesson 4 of 4: Measuring and Estimating Length and Height

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







#### Aim

• To measure or estimate length or height using a partially numbered ruler.

minimum

#### **Success Criteria**

- I can place numbers up to 20cm on a marked ruler.
- I can use my reasoning skills to estimate lengths on an unmarked ruler.



#### **Remember It**



Tower A is taller than Tower B because it has more blocks. True or false?



False. Tower A is 6cm tall and Tower B is 7cm tall. Just because there are fewer things, it doesn't always mean it will be shorter.



### **Remember It**







#### **Remember It**











# Missing Measurements и



Look carefully at this ruler. What do you notice?















# **Missing Measurements**



How long are these objects? Explain how you know.



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# **Missing Measurements**



How long are these objects? Explain how you know.



# **Missing Measurements**









**Remember** – estimating is making a reasonable guess.







If I was measuring something that is 12cm long, where might you estimate it to be on the ruler?





12cm would be about here because 12cm would be 2 small jumps along from 10cm.





If I was measuring something that is 4cm long, where might you estimate it to be on the ruler?





Also, if I show 5cm on the ruler, it is about 1cm less than that.







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19 20

**10** 

OE

Estimate the height of the jar.

I think the jar is 19cm tall because it measures just less than 20cm on the ruler.





Do you agree? Explain why.





### **More Measuring**





#### Diving into Mastery

#### Dive in by completing your own activity!



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