

## Year 5 maths week 1

5 days of problem solving	Day 1 Activity	Day 2 Activity	Day 3 Activity	Day 4 Activity	Day 5 Activity
<b>Factual fluency</b> (to aid fluency)	<a href="https://www.topmarks.co.uk/maths-games/hit-the-button">https://www.topmarks.co.uk/maths-games/hit-the-button</a> square numbers	<a href="https://www.topmarks.co.uk/maths-games/hit-the-button">https://www.topmarks.co.uk/maths-games/hit-the-button</a> square numbers	<a href="https://www.topmarks.co.uk/maths-games/hit-the-button">https://www.topmarks.co.uk/maths-games/hit-the-button</a> square numbers	<a href="https://www.topmarks.co.uk/maths-games/hit-the-button">https://www.topmarks.co.uk/maths-games/hit-the-button</a> square numbers	<a href="https://www.topmarks.co.uk/maths-games/hit-the-button">https://www.topmarks.co.uk/maths-games/hit-the-button</a> square numbers
<b>5 days of problem solving</b>	Using any unit of measurement you like (feet, hands, steps, cm, m), estimate then calculate the perimeter of your kitchen	Using any measuring tool you like (feet, hands, steps, cm, m) <b>First</b> estimate, <b>then</b> calculate <b>finally</b> compare the perimeter of two rooms in your house	Using any unit of measurement you like (feet, hands, steps, cm, m), estimate then calculate the area of your kitchen	Trafalgar Square is 12,000 metres squared, what do you think its length and width is? How many times would your kitchen fit in it?	Create a poster that tells a younger child everything they need to know about area and perimeter and how to calculate them
<b>Resources you will need</b>	Tape measure (optional) Paper and pencil	Tape measure (optional) Paper and pencil	Tape measure (optional) Paper and pencil	Paper and pencils	Paper and pencil
<b>Tips, clues or methods to help</b>	4 steps is roughly 3 metres  Perimeter is the distance around the outside of a shape calculated by adding the length of all sides together	4 steps is roughly 3 metres  Perimeter is the distance around the outside of a shape calculated by adding the length of all sides together Compare amounts by subtracting them	4 steps is roughly 3 metres  Area - the amount of space inside a 2D shape.  We calculate the area by multiplying the length and the width	Area = length x width  Area of Trafalgar Square = $12,000m^2$  Length x width = $12,000m^2$	You MUST include as many facts as you have used this week
<b>Want to check?</b>	Check your calculation with a calculator	Check your calculation with a calculator	Check your calculation with a calculator	Use division to check	None
<b>Theme</b>	Perimeter and area	Perimeter and area	Perimeter and area	Perimeter and area	Perimeter and area

**Additional online activities:**

[https://nrich.maths.org/7280?utm\\_source=primary-map](https://nrich.maths.org/7280?utm_source=primary-map)  
[https://nrich.maths.org/10344?utm\\_source=primary-map](https://nrich.maths.org/10344?utm_source=primary-map)  
[https://nrich.maths.org/10344?utm\\_source=primary-map](https://nrich.maths.org/10344?utm_source=primary-map)