

A Number Fun Quick Link Guide for:



White Rose Maths



Year: 



Measurement: Perimeter, Area & Volume

Spring Term 2022:

Block: 

Weeks:  & 

Here is a quick reference guide to help you link the White Rose Planning with the Number Fun Resources.

This document contains hyperlinks to:

Key Number Fun Song Video – the ideal video to help children begin to explore this small step.

Additional Number Fun Links – additional resources to support and extend the learning within this small step.

Check out our [Guide to using Number Fun Videos and Portal effectively](#). Many Number Fun videos are accompanied by Teacher Ideas Packs, designed to provide creative games and activities to support the teaching of each objective.

For information about all the Number Fun Training, Consultancy and Resources visit: www.numberfun.com.

Hyperlinks:



Click the Video Thumbnail

The hyperlink will take you to this song's page on the Number Fun Portal
(Note: You will need to log into the Number Fun Portal to access each song's resources.)



Click the Icon Thumbnail to hyperlink to this resource in the Number Fun online Shop



Click the Concept Teaching Video Thumbnail to hyperlink directly to the video

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Top Number Fun Warm-Up Suggestions



Pirate Captain Hugh is telling Pirate Captain Bert of the story of his great-great-great-grandad. The story introduces children to triangular numbers and helps them to remember the triangular numbers under 100.



This video explores acute, obtuse and reflex angles, straight lines and whole turns. The catchy tune helps children understand and remember the angles involved in each definition.

Top Number Fun Shop Suggestions

All shop suggestions are downloads unless highlighted otherwise.



Perimeter (& Area) Pages

This PDF includes a set of pre-set shapes to help children explore perimeter (and area). This set includes triangles and parallelograms specifically created for the small steps in this document. Ensure this is printed at 100%.

Small Steps

1: Shapes - same area



Colin Fritter is the local carpet fitter. He describes, along with a visualisation, the rectangular piece of carpet he needs to lay within a particular room. What other shaped rooms would use the same amount of carpet. Can children draw such a room?

2: Area and perimeter



This song adds the lengths of the hedges around different shaped fields. The warm-up chant reminds children that, 'Perimeter is the distance round the outside edge.' Can you calculate the perimeter of each field?



Perimeter (& Area) Pages

This PDF includes a set of pre-set shapes to help children explore perimeter (and area). Select the pages from the full document that are most suitable for this small step.

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3: Area of a triangle (1)



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4: Area of a triangle (2)



Formula is a memory video, designed to help children visualise, understand and remember the formulas for finding the area of triangle, parallelogram, trapezium and circle.



Perimeter (& Area) Pages

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5: Area of a triangle (3)



Formula is a memory video, designed to help children remember the formula for finding the area of triangle.

6: Area of a parallelogram



Formula is a memory video, designed to help children visualise, understand and remember the formula for finding the area of a parallelogram.



Perimeter (& Area) Pages

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Quad Face is a spaceship that takes all the quadrilaterals back to their home planet, Quadium. Use this story and its visualisation if you need to bring clarity to the understanding and properties of a parallelogram.

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7: What is volume?

8: Volume - counting cubes

9: Volume of a cuboid