

A Number Fun Quick Link Guide for:



White Rose Maths



Year:



Measurement: Perimeter & Area

Autumn Term 2021:

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

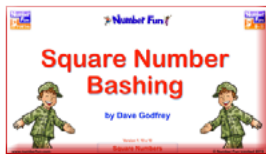


Click the Concept Teaching Video Thumbnail to hyperlink directly to the video

Year: Autumn Weeks: to

Measurement: Perimeter & Area

Top Number Fun Warm-Up Suggestions



This video is designed to help children understand, visualise and remember the square numbers up to 100. There's a big square link with this block of small steps!



This video helps children visualise and understand that a square is a rectangle, a rhombus and a parallelogram. It is a unique shape!

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). There are 5 sets of shapes, each one presented with three options on a grid of centimetre squares. Ensure this is printed at 100%.



Number Fun Zoo - 100 Square

This carefully designed 100 square equips children to explore Addition, Subtraction, Multiplication & Division, Fractions, Decimals and Percentages, Ratio and Proportion, Area, Perimeter and Co-ordinates

Small Steps

1: Measure 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.'



Perimeter (& Area) Pages

This PDF includes a set of pre-set shapes to help children explore perimeter (and area). Pages 7 and 13 are ideal for use with this small step.

2: Perimeter on a grid



Perimeter (& Area) Pages

This PDF includes a set of pre-set shapes to help children explore perimeter (and area). Pages 3, 6, 9, 12 and 15 are ideal for the varied fluency challenge within this small step.

Year:  Autumn Weeks:  to 

Measurement: Perimeter & Area

3: Perimeter of rectangles



Perimeter (& Area) Pages

This PDF includes a set of pre-set shapes to help children explore perimeter (and area). Page 7 is ideal for use with this small step. Children can measure the sides and then record the calculations.

4: Perimeter of rectilinear shapes



Perimeter (& Area) Pages

This PDF includes a set of pre-set shapes to help children explore perimeter (and area). Page 13 is ideal for use with this small step. Children can measure the sides and then record the calculations.

5: Calculate perimeter



Perimeter (& Area) Pages

This PDF includes a set of pre-set shapes to help children explore perimeter (and area). Page 2 is ideal for use with the second fluency challenge within this small step.

6: Counting squares



Perimeter (& Area) Pages

This PDF includes a set of pre-set shapes to help children explore perimeter (and area). Page 2 is again ideal for use this small step.

Year:  Autumn Weeks: 

Measurement: Perimeter & Area

7: Area of rectangles



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. Can the children work out how many square metres of carpet he will need in each case?



Perimeter (& Area) Pages

This PDF includes a set of pre-set shapes to help children explore perimeter (and area). Use page 5 and ask 'What if?' questions for each rectangle. E.g. 'What if each square in the yellow rectangle is 3.5cm in length?'

8: Area of compound shapes



Recap on Colin Fritter's song. Use this video to create a story context for the learning in this small step.



Perimeter (& Area) Pages

This PDF includes a set of pre-set shapes to help children explore perimeter (and area). Page 4 is ideal for extending the learning in this small step. How might children find the area of the pink shape on this page? How many different strategies might there

9: Area of irregular shapes



Perimeter (& Area) Pages

This PDF includes a set of pre-set shapes to help children explore perimeter (and area). Page 17 is specifically designed to be used with this small step.