

A Number Fun Quick Link Guide for:



White Rose Maths



Year:



Note: There are a limited range Number Fun resources that link directly to the specific White Rose Small Steps found within this block.

The following notes suggest how the existing Number Fun videos and resources might be used creatively with this block.



Measurement: Length & Perimeter

Spring Term 2022:

Block:



Weeks:



to



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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Measurement: Length & Perimeter

Top Number Fun Warm-Up Suggestions



Pirate Captain Hugh is creating the most delicious stew... out of string, cola and rice. The final verse has a surprise ending!



Pirate Captain Hugh's stew is now rejecting his new ingredients and partitioning the values into different amounts. Pause and reason about the measures involved.

Top Number Fun Shop Suggestions

All shop suggestions are downloads unless highlighted otherwise.



Perimeter (and Area) Pages

This PDF contains activity pages that have been made specifically to support the exploration of length, perimeter and area. Many of these pages support the small steps listed below.

Small Steps

1: Measure length



Use Mega Measurements as a starting point for exploring measures. The video reminds us that we measure our height in metres. What other units do we use when measuring length? What do you notice about the different units in the song?



Perimeter (and Area) Pages

This PDF contains activity pages that have been made specifically to support the measuring of length, perimeter and area. Provide your children with copies of pages 7, 10 or 13 and encourage them to measure the length of each side.

2: Measure length (m)



The Measurement Conversion Song helps children learn and remember different conversions. In this video centimetres, metres and kilometres are explored.

Year: Spring Weeks: &

Measurement: Length & Perimeter

3: Equivalent lengths - m & cm



The Measurement Conversion Song helps children learn and remember different conversions. In this video centimetres, metres and kilometres are explored. Focus specifically on the metre and centimetre conversions.

4: Equivalent lengths - mm & cm



Reference this video from the previous step. If you were going to find a tenth, a quarter, a half and three quarters of a centimetre - how many millimetres would that be? Can you create your own length version of the song?

5: Compare lengths

6: Compare lengths



Use Mega Measurements as a starting point for exploring and comparing length. We measure our height in metres and centimetres. If you can, give children an opportunity to measure their height and to compare their heights. This could be done by lying down on the floor and measuring.

7: Add lengths

8: Subtract lengths

Year: **3** Spring Weeks: **7** & **9**

Measurement: Length & Perimeter

9: Measure perimeter



This video finds the perimeter of different fields with different number of hedges. It includes a definition of a perimeter and puts the concept into a story context. Great for warming up the body as well as the brain!



Perimeter (and Area) Pages

This PDF contains activity pages that have been made specifically to support the fluency and reasoning ideas found within this small step. See pages 7, 10 and 13

10: Calculate perimeter



Use the story context found within this video to set up your own perimeter problems.



Perimeter (and Area) Pages

This PDF contains activity pages that have been made specifically to support the fluency and reasoning ideas found within this small step. Extend the reasoning by providing children with page 16. If each edge is 3cm what is the perimeter?