

# A Number Fun Quick Link Guide for:



# White Rose Maths



Year:



Measurement: Weight and 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](http://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

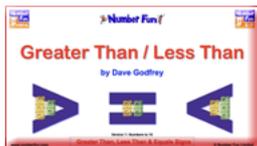


Click the Concept Teaching Video Thumbnail to hyperlink directly to the video

# Year: Spring Weeks: &

## Measurement: Weight and Volume

### Top Number Fun Warm-Up Suggestions



This video, which includes visualisations of the mathematics, will remind children of the greater than, less than & equals signs.



In a Week is a measurement song that helps children learn and remember the days of a week in order.

### Top Number Fun Shop Suggestions

All shop suggestions are downloads unless highlighted otherwise.



#### Goldilocks & 3 Bears Cards

This simple set of playing cards utilise the imagery found in the Number Fun video entitled '3 Bowls, 3 Bears', which retells the famous story of Goldilocks and the 3 Bears. Talk about the images and explore mass and capacity in this story context.

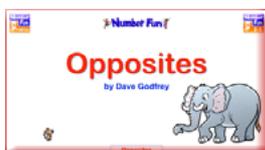


#### Reasoning Posters

This Reasoning Poster Pack includes 4 A3 card posters and 16 A5 reasoning cards. Includes 'Good Morning', 'Good Afternoon', 'Good Evening' and 'Good Night' posters. Another opportunity to highlight mass and capacity in a story context. These images are carefully created to explore a variety of mathematical concepts.

## Small Steps

### 1: Introduce weight and mass



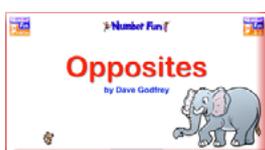
Mouse and Elephant are exploring opposites. These opposites include heavy and light, wide and narrow etc. Use as a starter to explore weight and mass vocabulary.



#### Goldilocks & 3 Bears Cards

Explore the images on these cards. Which objects would have a mass? What does mass mean? Which objects might we measure the capacity or the length?

### 2: Measure mass

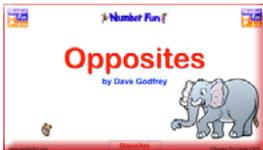


Pretend that Mouse and Elephant are playing with balance scales. Show the screenshot of them on some scales. Instead of putting themselves on the scales, what objects might each animal choose?

# Year: Spring Weeks: &

## Measurement: Weight and Volume

### 3: Compare mass



Continue to explore mass in story. Focus again on the image of Mouse and Elephant playing with balance scales. Is the mass of the mouse greater than, less than or equal to the mass of the elephant. What sign might we use? Use this as a starting point.

### 4: Introduce capacity and volume



Elephant is now exploring volume and capacity. In this video elephant explores the language of full, part-full and empty when looking at three cups on the work surface. What other language might he have used? E.g. more, less etc.



#### Goldilocks & 3 Bears Cards

Explore the images on these cards. Which objects would have a capacity or volume? Might there be a way that each object might have a 'capacity'?

### 5: Measure capacity



Recap on Elephant's cup story. Pretend Elephant is now wanting to find out how many full cups of water it takes to fill up other containers. Provide children with 'Elephant cups' and being to measure capacity.

### 6: Compare capacity



As a starter, take a screenshot of the three cups in this video, print 2 copies onto A3. Cut the A3 sheets into individual cups and choose two cups randomly. Stick these onto your whiteboard and challenge children to state which sign you need to insert between them (e.g. Greater than, equals)