

# A Number Fun Quick Link Guide for:



# White Rose Maths



Year: 



Number: Fractions

Summer 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](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

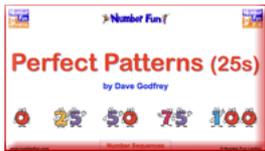


Click the Concept Teaching Video Thumbnail to hyperlink directly to the video

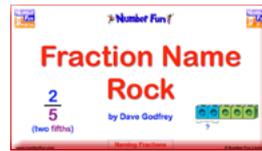
# Year: Summer Weeks: to

## Number: Fractions

### Top Number Fun Warm-Up Suggestions



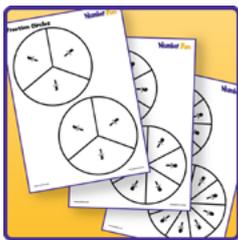
This version of Perfect Patterns counts in 25s. A great way of exploring quarters and halves of a hundred.



This video introduces children to the numerator and denominator. It explores through visualisations of cubes, how to read a fraction, including both unit and non-unit fractions.

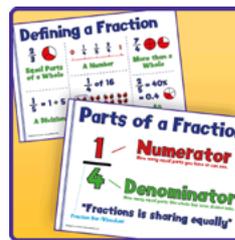
### Top Number Fun Shop Suggestions

All shop suggestions are downloads unless highlighted otherwise.



#### Fraction Circles

A set of fraction circles from wholes, halves, thirds etc. through to tenths and twelfths. This versatile set of fraction circles can be printed (different coloured paper for each fraction), laminated and then utilised for a host of fraction concepts.



#### Fraction Essentials

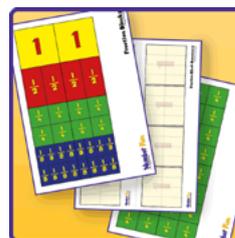
This is a set of 11 key posters taken from our Visual Fractions Policy. These essentials include key vocabulary and conceptual understanding posters for display during this fractions block.

## Small Steps

### 1: Making a whole



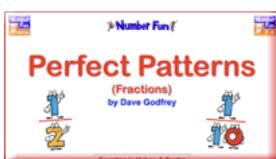
Fraction Name Rock helps children name fractions accurately, use the correct terminology for numerator and denominator and recognise fractions using the image of cubes. Each verse includes fractions equivalent to a whole.



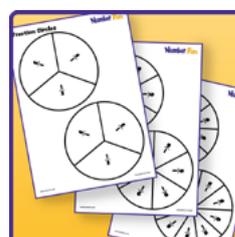
#### Fraction Blocks

This is an amazingly powerful tool for helping children explore fractions (halves, quarters and eighths). Children can create a whole using each of the fractions found in the pack -  $\frac{2}{2}$ ,  $\frac{4}{4}$  and  $\frac{8}{8}$ ths.

### 2: Tenths



This video includes two verses that count in tenths. Can you create a visualisation for each count using egg boxes/tens frames?



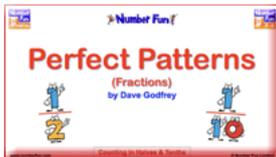
#### Fraction Circles

A set of fraction circles from wholes, halves, thirds etc. through to tenths and twelfths. This versatile set of fraction circles can be printed (different coloured paper for each fraction), laminated and then utilised for a host of fraction concepts.

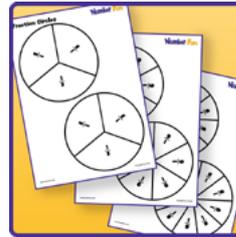
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### 3: Count in tenths



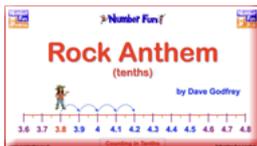
Return to this video and count together in halves and tenths.



#### Fraction Circles

Provide children with cut up tenths. Children can then place the tenths next to other tenths and count as they go.

### 4: Tenths as decimals



Rock Anthem counts in jumps of one tenth or two tenths on a number line. Each fraction is recorded as a decimal - focus on the decimal representation.

### 5: Fractions on a number line



Refer to the Rock Anthem song again. Create your own special number lines using imagery and utilise the backing track recording to celebrate the children's work.

### 6: Fractions of a set of objects (1)



Unit Fraction Version

Honest Joe is providing party bags for a birthday party! Joe has a number of sweets in his bag and you are allowed to take a unit fraction of them for the party.

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### 7: Fractions of a set of objects (2)



Non-Unit Fraction Version

Honest Joe is providing party bags for a birthday party! Joe has a number of sweets in his bag and you are allowed to take a non-unit fraction of them for the party.

### 8: Fractions of a set of objects (3)

### 9: Equivalent fractions (1)



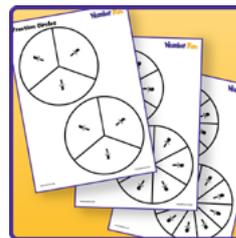
Use this Key Stage 1 video as a basis for reasoning. The video explores halves and quarters, with the third verse stating that 2 quarters equals 1 half. What if the pizzas were cut into eighths or sixths - what equivalent fractions might be generated.



#### Fraction Blocks

This is an amazingly powerful tool for helping children calculate with fractions (halves, quarters and eighths). This concrete resource provides another tool to explore equivalent fractions for halves, quarters and eighths.

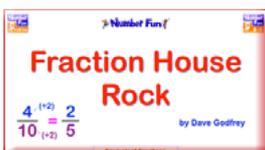
### 10: Equivalent fractions (2)



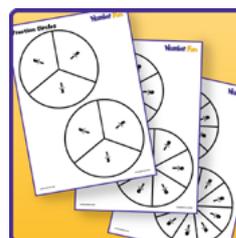
#### Fraction Circles

These fraction circles provide children with an alternative image to that of a number line, for exploring equivalent fractions.

### 11: Equivalent fractions (3)



This Fraction House Rock video provides an engaging way of exploring equivalent fractions. You may wish not to play the full video, but to focus on some of the imagery used to show equivalent fractions within each verse.



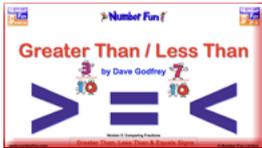
#### Fraction Circles

These fraction circles can be used to explore Dora's shaded fraction question.

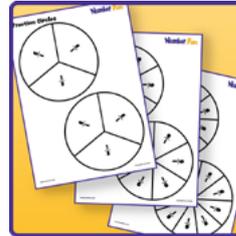
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### 12: Comparing fractions



This special version of the Greater Than / Less Than song has been created specifically to support the teaching of this small step.



#### Fraction Circles

Print out and cut up sections of each circle. Children can easily compare fractions, e.g.  $\frac{3}{4}$  with  $\frac{2}{8}$ ths, to see which fraction is the largest.

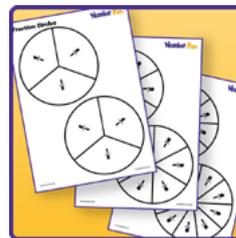
### 13: Order fractions

### 14: Add fractions



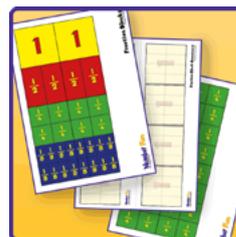
#### Unit Fractions Version

Pirate Captain Hugh and Pirate Captain Bert both have a fraction of a chocolate bar. In this video they find out how much chocolate they have altogether and how much more one pirate has than that other. Focus on the addition facts visualised in the video.



#### Fraction Circles

Print out and cut up sections of each circle. Children can easily compare fractions, e.g.  $\frac{3}{4}$  with  $\frac{2}{8}$ ths, to see which fraction is the largest.



#### Fraction Blocks

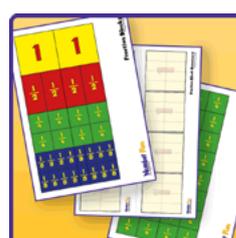
This is an amazingly powerful tool for helping children calculate with fractions (halves, quarters and eighths). This concrete resource provides another tool for adding halves, quarters and eighths.

### 15: Subtract fractions



#### Unit Fractions Version

Pirate Captain Hugh and Pirate Captain Bert both have a fraction of a chocolate bar. In this video they find out how much chocolate they have altogether and how much more one pirate has than that other. Focus on the subtraction by comparison that is visualised in the video.



#### Fraction Blocks

This is an amazingly powerful tool for helping children calculate with fractions (halves, quarters and eighths). This concrete resource provides another tool for subtracting halves, quarters and eighths.