

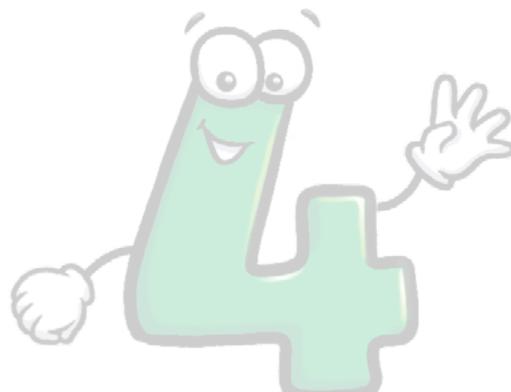
A Number Fun Quick Link Guide for:



White Rose Maths



Year:



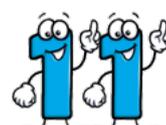
Number: Decimals

Spring Term 2022:

Block:



Weeks: 9 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

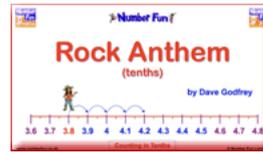
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Top Number Fun Warm-Up Suggestions



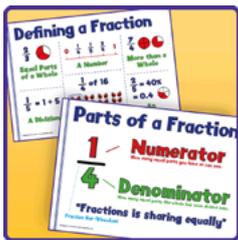
Papa Titoning is organising his logs to mirror our Base 10 number system. From splinters (thousandths of a log) all the way to a compound (1,000,000 logs). Year 4 children have found this song very helpful as a story introduction to decimals in our number system.



This version of Rock Anthem has been specifically created to help children interpret and count in tenths up and down a number line.

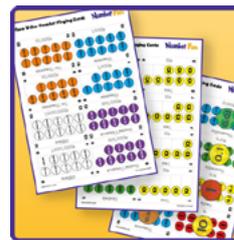
Top Number Fun Shop Suggestions

All shop suggestions are downloads unless highlighted otherwise.



Fraction Essentials

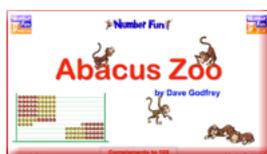
This is a set of 11 key posters taken from our Visual Fractions Policy. These essentials include key vocabulary and conceptual understanding posters for display during this fractions block.



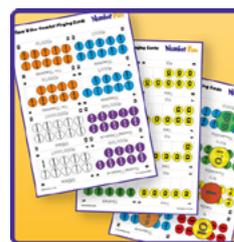
Place Value Counter Playing Cards

Use this set of playing cards under the visualiser to generate large numbers. The cards include representations of place value counters from 0.001 through to 10,000,000.

1: Recognise tenths and hundredths



The monkeys in the Abacus Zoo sleep when there's nothing to do! There are always 100 monkeys in the zoo. We are told each verse how many are sleeping, so how many are dancing in the trees. Explore in the context of tenths and hundredths of the full number of monkeys.



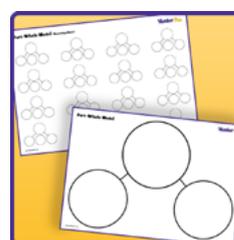
Place Value Counter Playing Cards

Use this set of playing cards under the visualiser to generate large numbers. The cards include representations of place value counters from 0.001 through to 10,000,000.

2: Tenths as decimals



This video is found in the 3-5 year old section on the Number Fun portal. It explores cubes in a tens frame. Show your children a verse of the song and challenge them to rewrite the song to talk about tenths in one whole in a way that matches the imagery.



Part-Whole Models

This is an extensive set of part-whole models that can be printed at A4 or A3 as required. Each large model is accompanied by a recording sheet.

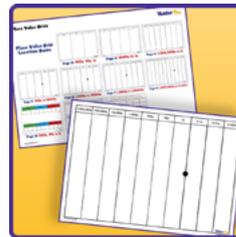
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Number: Decimals

3: Tenths on a place value grid



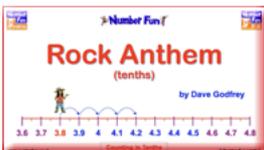
One Tenth is a video that uses Papa Titoning's log imagery. Scan through the video and select sections to watch or pause at for reasoning. E.g. can you recreate the image of 5.7 at 2:59 using place value counters?



Place Value Grids

This is an extensive set of place value grids that can be printed at A4 or A3 size for use with concrete resources.

4: Tenths on a number line



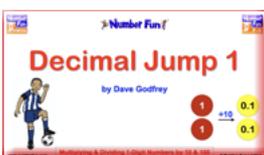
This version of Rock Anthem has been specifically created to help children interpret and count in tenths up and down a number line.



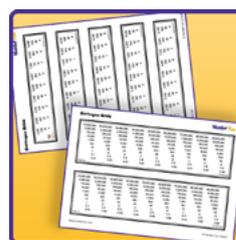
Number Line Strips

This is an extensive set of number lines and number tracks. It also includes empty templates.

5: Divide 1-digit by 10



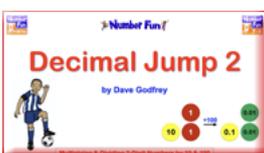
This version of the 9-11 popular Jump video includes a visualisation of what happens when you divide 1-digit and 2-digit numbers by 10.



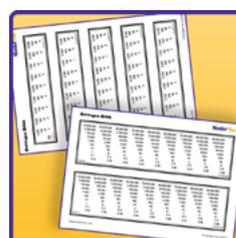
Gattegno Grids

This is a standard set of Gattegno grids that can be used to explore dividing any number by 10. The images can be used on your whiteboard as well as being printed for the children to use.

6: Divide 2-digits by 10



This version of the 9-11 popular Jump video includes a visualisation of what happens when you divide 1-digit and 2-digit numbers by 10.



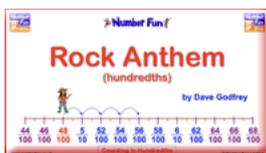
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7: Hundredths

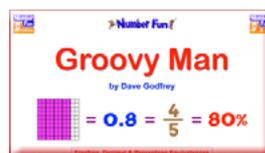


This version of Rock Anthem has been specifically created to help children interpret and count in hundredths up and down a number line.

8: Hundredths as decimals



Papa Titoning is organising his logs to mirror our Base 10 number system. Focus on the tenths and hundredths. Talk about the connection between the two. Pause the video to reason about the animation at 0:12. What will the decimal be underneath the set of slices?



Take a screenshot from this video at 2:06. How does this imagery show seven tenths and seventy hundredths at the same time? Find other places in the video to reason about too.

9: Hundredths on a place value grid



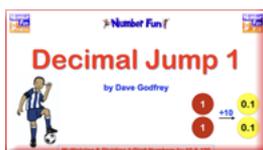
One Tenth is a video that uses Papa Titoning's log imagery. Scan through the video and select sections to watch or pause at for reasoning. E.g. can you recreate the image of the number 3.28, 3:26 into the video using place value counters?



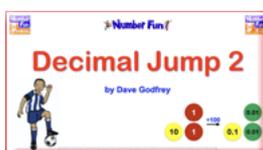
Place Value Grids

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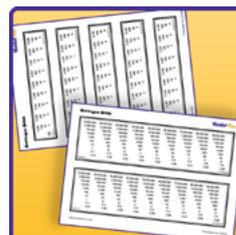
10: Divide 1 or 2-digits by 100



This version of the 9-11 popular Jump video includes a visualisation of what happens when you divide 1-digit numbers by 100.



This version of the 9-11 popular Jump video includes a visualisation of what happens when you divide 2-digit numbers by 100.



Gattegno Grids

This is a standard set of Gattegno grids that can be used to explore dividing any number by 10. The images can be used on your whiteboard as well as being printed for the children to use.