A Number Fun Quick Link Guide for:

White Rose Maths

Year: 3

Statistics

Spring Term 2022:

Block: 3   Weeks: 5 & 6

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
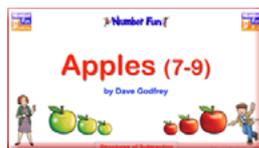
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Top Number Fun Warm-Up Suggestions

Duck Wars is a 5 times-table video. Play and enjoy the song as a way of introducing the characters you may choose to use in the small steps outlined below.

Apples (7-9)

This video reminds children of the three structures of subtraction. Explore the imagery. Which representations are consistent with a pictogram? What is the connection with a Bar Model?

Top Number Fun Shop Suggestions

Duck Cards

This extensive array of cards features images of rubber ducks and the characters from the Duck Wars video. Print out pictures of the different types of ducks and play a turn over game. Children keep a tally of the number of ducks of each type and they create a pictogram with the ducks they turn over.

Small Steps

1: Make tally charts

Make 5, Make 10

Farmer Pete and his daughter Alice are counting eggs into egg boxes. They have a clever strategy of making 5 and then making 10. Play and explore the story. Explore other ideas of how the eggs could be counted and the links between tens frames and keeping a tally.

2: Draw pictograms (2, 5 and 10)

Duck Wars

Duck Wars is a 5 times-table video. Play and enjoy the song as a way of introducing the characters and the rubber ducks you might choose to use to create pictograms. See accompanying resource idea.

Duck Cards

This set of cards features images of rubber ducks. Print out pictures of the different types of ducks and play a turn over game. Create a pictogram on the floor of the different colours. Then explore alternative images to use for 2 and 5 ducks. E.g. a picture of Bath Evader to represent 5 ducks.

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3: Interpret pictograms (2, 5 and 10)

Duck Cards

Create a set of pictograms using the duck cards where bath evader is worth 2 ducks, the bag image is worth 5 ducks and Luke Warmwater is worth 10. Can the children interpret the pictogram?
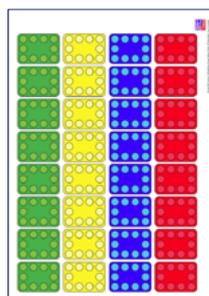

4: Pictograms

Duck Cards

Carefully create a pictogram using the Duck Cards. Cut some of the images in half as explored in this small step. What if each duck was worth 10 pence. What value is there in the red spotted ducks and the yellow spotted ducks?

5: Bar Charts

Carroll and Venn Diagram are getting married but they can't agree on the seating plan for the wedding. Take a screenshot at 2:09 and take a look at the Bar Chart that represents the guests at their wedding. Each rounded rectangle represents one table of 10 guests.

Carroll and Venn's Wedding Song Teacher Ideas Pack

Check out the resources available in the Teacher Ideas Pack for this video. These include a PDF of the guest tables shown here and a grid for creating an alternative guest list.

6: Tables

This video covers a crucial Year 2 objective - the ability to partition a 2-digit number into different combinations of 10s and 1s. Papa Titioning has a different number of logs on Monday, Tuesday and Wednesday. Can you create a table to represent the data? How many might he have had on Thursday and Friday?