

METHLICK SCHOOL - NUMERACY GRID 2 21st April – 24th April

Mild	Spicy	Hot
Number Processes - Division		
<p>Numeral formation Keep practising writing numerals; ordering numbers to 20 and beyond and matching number names, numerals and amounts.</p> <p>Wholes and halves Use your knowledge of doubles to half and then quarter amounts.</p> <p>Split objects into halves and quarters When preparing meals can you help to share food by cutting items in half – sandwich, pancake, bread roll, apple etc. Cut the halves again, how many parts do you have now? How many examples of quarters can you find in your house? If everyone in your family has a sandwich at lunchtime how many halves are there altogether on the plates? Can you draw a picture to record your number stories. Fold a piece of paper in half and cut. Fold each half again and cut – How many pieces of paper do you have? Keep folding and cutting making sure that each piece is the same size. How many pieces of paper do you have?</p> <p>Hunt for the half symbol ½ Look around the house for the word half and the half symbol – try recipe books, measuring spoons, food packaging.</p> <p>Share items equally and find out how many are in smaller groups Take a handful of blocks, buttons, stones, pine cones etc and count the total. Guess/Estimate how many items each person would get if you shared with 2 people, 4 people etc. Share them into equal piles. How well did you guess?</p>	<p>Keep practising your tables but this time focus on the division aspect. E.g. 8 divided by 4 = 2. Use your knowledge you already have to reverse the operation.</p> <p>Use Digipuzzle, Topmarks (Daily Ten or Hit the Button are perfect for this) https://www.topmarks.co.uk/maths-games/daily10 https://www.topmarks.co.uk/maths-games/hit-the-button</p> <p>Please ask an adult to set the challenge up, to practise dividing by 2, 5, and 10. For those who are up for a challenge, try the 3, 4, 6, 7, 8, 9 division facts.</p> <p>Your teacher may set some Sumdog division challenges.</p> <p>Why don't you make some flashcards and test them out on a family member? Do they know their division facts?</p> <p>Set up a challenge to match the answers to the question, time each other to see who can do this the quickest. Record the results and try again later in the week.</p>	<p>Division Practise division facts to the 10th Multiplication table using whole and decimal numbers. Example – 640.8 divided by 4</p> <p>Practise dividing whole and decimal numbers by 10, 100 and 1000.</p> <p>Sumdog challenges will be set weekly by a class teacher.</p> <p>Mr Reid and Miss Deans will be on Sumdog every Wednesday from 12pm – 1pm</p> <p>Games and activities will be posted weekly on the blog. This will include:</p> <ul style="list-style-type: none"> • Card games that can be played independently or in a pair/group • Problem solving activities <p>Online Division games - https://www.topmarks.co.uk/maths-games/7-11-years/multiplication-and-division</p> <p>Work on improving your skills using the four operations + - X ÷ by playing Countdown - https://nrich.maths.org/6499</p>

Data Handling

Pets at Home!

We are going to be looking at gathering, creating and reading data over this week.

First we need to gather the data, follow the link to the Forms questionnaire.

<https://bit.ly/2RRGlnR>

Please complete by Wednesday evening.

We will then share with you the gathered data to read and think of ways how this could be presented.

Over Thursday and Friday, with the data, create a Bar chart or a picture graph (Pictogram) Send in a picture of your work and we will explore them next week with some questions.

Look for blog posts this week relating to the projects with support, advice and further instructions.

Bird-Watching

1. Use the RSPB website to help identify the types of birds that visit your garden.
2. Make a tally chart showing how many of each type of bird visits in an hour.
3. Once you have identified how many birds have visited, create a bar graph to show totals.
4. Present this in your jotter or send to a teacher.
5. Remember to use a ruler to make it neat and use a different colour for each bird.
6. Repeat this activity on a second day later in the week, at a different time of day, and compare the results.

Did you see a difference? Discuss the results with an adult and write down your conclusions as to why they may be different.

Carrying Out A Survey

With an adult, discuss what a survey is. What are surveys used for? What are the different ways in which information can be collected for a survey?

Once you have discussed these points, make up a survey of your own. Think about the types of questions you will ask, who you will ask, how you will collect and organise your results, how you will display your results. The survey can be about anything you choose, and you may use a tally chart, pictogram, bar graph or line graph to record your findings.

Let's Get Handling Some Data!

1. Collect some data this could be different colour of socks you have or noting down the temperature everyday via a weather app or weather programme or even a thermometer
2. How are you going to show your data?
 - Bar Chart with accuracy (we should be pros at bar charts)
 - Challenge yourself to try to create a line graph or pie chart or frequency table.
 - Find another way to display your data this can be in your journal, on paper or created online using word or excel.

Useful Links:

Create a pie chart (Very Helpful)

<https://www.youtube.com/watch?v=UrCz6yDbhb8>

Various online Data Handling Problem **Solving Activities**

<https://nrich.maths.org/9032>

Again, you can send your finished data to your teacher via SeeSaw or Glow Email

