

METHLICK SCHOOL - NUMERACY GRID 3

4th May – 15th May

Mild

Spicy

Hot

Number Processes – Addition and Subtraction

**Subtraction
Number Formations**

Keep going over your numerals up to 20. Writing them out, finding them in the home and putting them in the correct order
P2 review your knowledge on tens and units, can you teach someone at home what that means. You could use or make your own 100 square to explain this.

Subtraction

When you are eating a snack putting away toys think amount the amount you have. If you take something away, how many do you have left?

Addition and Subtraction

Practise adding and subtracting 1 digit from 2 digits using mental maths or column method.

Practise adding and subtracting 2-digits from 2-digits using mental maths or the column method.

Practise adding and subtracting 3-digits from 3-digits using mental maths or column method.

Activities and challenges will be posted on the blog or Sumdog throughout the week to supplement the above tasks, including family games and challenges.

Online Mental Maths Games

Check out the Spicy Numeracy page (to the left of the 'Search' icon on the blog homepage) for a list of suggested websites

Addition and Subtraction

Practise adding/subtracting whole and decimals numbers (to 2 decimal places) within the number range 0 to 1,000,000.

Practise adding/subtracting multiples of 10, 100 and 1000 to and from whole and decimal numbers (to 2 decimal places).

Sumdog

Challenges will be set weekly by your class teacher.

Mr Reid and Miss Deans will be on **Sumdog** every Wednesday from 12pm – 1pm.

Activities and challenges will be posted **weekly** on the blog. This will include:

- Games that can be played independently or in a pair/group
- Problem solving activities/challenges

Online Addition/Subtraction games -

<https://www.topmarks.co.uk/maths-games/7-11-years/addition-and-subtraction>

Work on improving your skills using the four operations + - x ÷ by playing Countdown - <https://nrich.maths.org/6499> or watch on Channel 4 daily at 2.10/on 4 Demand.

Resources

In maths we use the takeaway symbol (-) to write a sum.

Play a game of counting down from 20 with family members, each time taking away one, then move to two and three. Always thinking about how many you have left, you can use practical objects to help visualise what is happening.

If you have 10 objects and you took away 4 you would be left with 6
When we write it, it can look like this $10 - 4 = 6$.
Try to make your own visual sum and take a picture.

P2, using a 100 square complete your own take away sums with any number, remembering to count the jumps backwards.

offering a huge range of online games and activities, some offering printables as well.

In particular, look at:

<https://www.topmarks.co.uk/maths-games/7-11-years/addition-and-subtraction>

<https://www.digipuzzle.net/education/math/index.htm>

Check out the Hot Numeracy Resources Page for links to online games to play to practice your subtraction

<p>Resources Check out the Mild Numeracy Resources Page for links to online games to play to practice your subtraction</p>		
MEASUREMENT		
<p>Area</p> <p>The Pollinator Promise involves caring for an area 1 metre by 1 metre. https://www.opalexploration.org/polli-promise In this space you protect plants that encourage bees, butterflies and other insects who pollinate. Can you get help to measure out an area this size. It could be in your garden, a field, the woods. How could you mark out the area? With stones, pinecones etc? 'Get your garden buzzing' with these Pollinators for</p>	<p>Area</p> <p>Revise how to work out the area of a shape by counting squares.</p> <p>Watch a very simple explanation here: https://www.youtube.com/watch?v=a71JVOByeQ4</p> <p>A slightly more advanced explanation is here: https://www.youtube.com/watch?v=uKKI8R1xBM</p> <p>If you have squared paper, draw different sizes of squares and rectangles using a ruler, and work out the area of each. As a challenge, include half-squares</p>	<p style="text-align: center;">Area and Perimeter</p> <p>Step 1: Watch this video to re-familiarise yourself with Area and Perimeter. https://www.youtube.com/watch?v=dkE-Z1ily-Q</p> <p>Step 2: Main Activity Focus: https://blogs.glowscotland.org.uk/as/public/methlickspring/uploads/sites/2993/2020/04/29194357/Garden-Design-2.pdf</p> <p>Step 3: Share your garden plans with your teacher via Seesaw or via email.</p> <p>Miss Deans will do a mini lesson/ input of Area and Perimeter on Thursday 6th May.</p> <p>Additional resources: www.bbc.co.uk/bitesize search for Area and Volume. https://nrich.maths.org/public/topic.php?code=149</p> <p>Sumdog</p>

<p>Plants guides from the RHS. https://www.rhs.org.uk/science/conservation-biodiversity/wildlife/plants-for-pollinators Measuring height https://worm-13b48.kxcdn.com/wp-content/uploads/2019/SoLs/Primary/Spring-Year-1-2018-19-Block-3-FINAL.pdf</p> <p>Build a tower of 10 lego bricks, cubes, ruler or find a stick no longer than the length of your arm from the tips of your fingers to your elbow.</p> <p>Take this with you when you go for a wander in the wild. Measure the height of dandelions against your tower or stick. Compare opposites</p> <p>Where are the dandelions tallest and where are they shortest? I wonder why?</p>	<p>in your drawings. Remember that 2 half-squares = 1 whole square.</p> <p>Watch this video to find out how:</p> <p>Measuring area with partial unit squares</p> <p>Measurement</p> <ul style="list-style-type: none"> • Practise estimating the length or height of an object. • Practise measuring the length or height of an object in centimetres using a ruler or tape measure. <p>Practical activities will be posted throughout the week on the blog, providing you with opportunities to put your knowledge into practice.</p> <p>Here is a quick reminder how to measure using a ruler. Using a Ruler</p>	<p>Miss Deans and Mr Reid have set Sumdog questions or challenges to area and perimeter specifically for the next two weeks this may be a challenge or the questions you normally receive.</p>
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