

## Maths Activity Grids for the month of May

I can use the mathematical skills I know

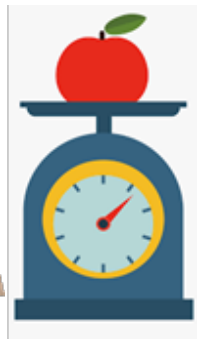
I can identify the steps needed to complete each challenge



















How many mini maths challenges can you complete during the month of May?

















These challenges will help you think about how many of your maths skills you can use within your home.

You could ask a grown up to adapt the challenges to make them harder, or even make up your own challenges.

You can record your mathematical thinking in any way you choose, using pictures, numbers or even by creating pictograms and bar graphs on j2e



|   |   |  |   |
|---|---|--|---|
| <p align="center"><u>Maths Challenge</u></p> <p>Can you sort the cutlery in your house into different sets?</p> <p>How did you do it?</p>  <p>SSM78</p> <p align="right">1</p>   | <p align="center"><u>Maths Challenge</u></p> <p>Can you add up the numbers on a car registration plate?</p>  <p>Practise writing these numbers at home. CA6</p> <p align="right">2</p>   | <p align="center"><u>Maths Challenge</u></p> <p>Can you find 4 different sized shoes in your house and put them in order of size?</p> <p>What else can you find to order by length?</p>  <p>SSM68</p> <p align="right">3</p>  | <p align="center"><u>Maths Challenge</u></p> <p>Find a pattern in your house, e.g. wallpaper, tiles, on the duvet.</p> <p>Can you describe it?<br/>(It could be squares/circles...)</p> <p>See if you can draw your own pattern.</p> <p>SSM4</p>  <p align="right">4</p> |
| <p align="center"><u>Maths Challenge</u></p> <p>Can you make a repeating pattern using forks and knives?</p>  <p>SSM4</p> <p align="right">5</p>   | <p align="center"><u>Maths Challenge</u></p> <p>Can you find something that is a square shape in your house? </p> <p>Can you find something that is a rectangular shape in your house? </p> <p>Can you find something that is a circular shape in your house? </p> <p>SSM6</p> <p align="right">6</p> | <p align="center"><u>Maths Challenge</u></p> <p>How long does it take to have a bath?</p> <p>How did you work it out?</p>  <p>SSM8</p> <p align="right">7</p>   | <p align="center"><u>Maths Challenge</u></p> <p>Are you taller or shorter than a door?<br/>Are you taller or shorter than an armchair?<br/>Are you taller or shorter than a window sill?</p>  <p>SSM67</p> <p align="right">8</p>  |
| <p align="center"><u>Maths Challenge</u></p> <p>Who has the biggest hands in your family?</p> <p>How can you tell?</p>  <p>SSM7</p> <p align="right">9</p>   | <p align="center"><u>Maths Challenge</u></p> <p>How wide is your bed?<br/>How long is your bed?</p> <p>How can you find out?<br/>Practise writing these numbers at home.</p>  <p>SSM8</p> <p align="right">10</p>  | <p align="center"><u>Maths Challenge</u></p> <p>Who is the tallest person in your house?<br/>Who is the shortest person in your house?</p> <p>How did you measure them?</p>  <p>SSM46</p> <p align="right">11</p>   | <p align="center"><u>Maths Challenge</u></p> <p>Do 10 jumps in each room of your house. Count each jump to make sure you do 10.</p> <p>Practise writing number 10 at home.</p>  <p>N6</p> <p align="right">12</p>  |
| <p align="center"><u>Maths Challenge</u></p> <p>Ask your grown up if you can count the coins they have got?</p> <p>How many are 10p coins?</p> <p>Practise writing these numbers at home.</p>  <p>N8</p> <p align="right">13</p> | <p align="center"><u>Maths Challenge</u></p> <p>What numbers can you see in the registration plate of your car?</p> <p>Which is the smallest number? Which is the largest number?</p> <p>Practise writing these numbers at home.</p>  <p>N6</p> <p align="right">14</p>  | <p align="center"><u>Maths Challenge</u></p> <p>Do you have a clock in your house?<br/>What is the biggest number you can read on the clock?<br/>What would be the next number?</p> <p>Practise writing all the numbers that are on the clock.</p>  <p>N587</p> <p align="right">15</p> | <p align="center"><u>Maths Challenge</u></p> <p>Can you find any numbers in your house?</p> <p>Practise writing these numbers at home.</p>  <p>N59</p> <p align="right">16</p>   |

|  |   |   |  |
|--|---|---|--|
| <p align="center"><u>Maths Challenge</u></p> <p>Count how many drawers there are in your whole house.</p> <p>Practise writing these numbers at home.</p>  <p align="center">N6</p> <p align="right">17</p>  | <p align="center"><u>Maths Challenge</u></p> <p>How many windows are in your house?<br/>How many are upstairs?<br/>How many are downstairs?<br/>Practise writing these numbers at home.</p>  <p align="center">N68</p> <p align="right">18</p>                   | <p align="center"><u>Maths Challenge</u></p> <p>How many footsteps from<br/>Your house to the bottom of your garden?<br/>Your front door to your bedroom?<br/>Your kitchen to your bathroom?</p> <p>What happens to the number if you take bigger steps?<br/>Practise writing these numbers at home.</p>  <p align="center">N489</p> <p align="right">19</p> | <p align="center"><u>Maths Challenge</u></p> <p>What is your house number?</p> <p>Can you think of a smaller number than this?<br/>What number are the numbers of the houses next door?<br/>Practise writing these numbers at home.</p>  <p align="center">N9</p> <p align="right">20</p> |
| <p align="center"><u>Maths Challenge</u></p> <p>What numbers are in your phone number?<br/>Which is the biggest number?<br/>Can you put them in order from smallest to biggest?<br/>Practise writing these numbers at home.</p>  <p align="center">N9</p> <p align="right">21</p>                           | <p align="center"><u>Maths Challenge</u></p> <p>How many stairs are in your house?<br/>How many windows are in your house?<br/>How many rooms in your house?<br/>Practise writing these numbers at home.</p>  <p align="center">N456</p> <p align="right">22</p> | <p align="center"><u>Maths Challenge</u></p> <p>How many strides is it to walk all the way around your garden?<br/>Practise writing these numbers at home.</p>  <p align="center">N489</p> <p align="right">23</p>   | <p align="center"><u>Maths Challenge</u></p> <p>Who are the oldest and youngest people in your family?<br/>How old are they?<br/>Practise writing these numbers at home.</p>  <p align="center">N149</p> <p align="right">24</p>  |
| <p align="center"><u>Maths Challenge</u></p> <p>How many chairs are in your house?<br/>How many televisions are in your house?<br/>Can you add the two numbers together?<br/>Practise writing these numbers at home.</p>  <p align="center">C14</p> <p align="right">25</p>                                 | <p align="center"><u>Maths Challenge</u></p> <p>Can you write numbers from 0 to 10?<br/>Can you find ten things to count in your house?<br/>Practise writing these numbers at home.</p>  <p align="center">N59</p> <p align="right">39</p>                      | <p align="center"><u>Maths Challenge</u></p> <p>Find a pair of socks for everyone in your house?<br/>How many socks do you have altogether?<br/>Practise writing these numbers at home.</p>  <p align="center">N69</p> <p align="right">27</p>  | <p align="center"><u>Maths Challenge</u></p> <p>Find 5 pairs of socks hide 4 socks how many are left?<br/>Practise writing these numbers at home.</p>  <p align="center">C59</p> <p align="right">28</p>   |
| <p align="center"><u>Maths Challenge</u></p> <p>Look at one of your books. Can you find and read the numbers that are on each page?<br/>Which is the biggest number?<br/>Which is the smallest number?<br/>Practise writing these numbers at home.</p>  <p align="center">N97</p> <p align="right">29</p> | <p align="center"><u>Maths Challenge</u></p> <p>Hide your teddy. Use words to describe where teddy is hidden, e.g. behind, on top, underneath, in between.</p>  <p align="center">SSM5</p> <p align="right">30</p>   | <p align="center"><u>Maths Challenge</u></p> <p>Ask your grown up to blind fold you. Listen to their instructions and see where you end up!</p>  <p align="center">SSM5</p> <p align="right">31</p>  | <p align="center"><u>Maths Challenge</u></p> <p>Look in your food cupboard. What is the heaviest food? Which is the lightest? How do you know?</p>  <p align="center">SSM7</p> <p align="right">33</p>  |

Some harder activities if you want more of a challenge....

<https://www.topmarks.co.uk/maths-games/5-7-years/data-handling>



Use coins to make that amount of money





1. Record like on the sheet

**Challenge**

Roll the dice 3 times.

**Roll a Value:**

1. Roll two dice 
2. Use coins to make that amount of money. 
3. Record on work-sheet.

| Draw you Dice   | Value of Dice | Draw your coins here.  |
|---|---------------|--|
|    | 12            |  |
|  |               |  |
|  |               |  |

<http://www.snappymaths.com/multdiv/multdiv.htm>  
(printable times/division sheets)

**Indoor maths game 1: Count Down!**

This game is a simple at home version of the TV favourite and can be played with any number of players.

(Practice your adding/ subtraction/ multiplication and division skills by playing this game)

Watch to find out how to play:

<https://thirdspacelearning.com/blog/fun-maths-games-activities-for-kids/>

**Dice games**



Roll the dice and add the sums, repeating as many times as they like on each turn. However, if they roll a one, their turn ends and they lose all the points for that turn. This element of chance makes the game exciting, so students will practice addition skills without a complaint!

Get a free printable game board at [Zeno](https://www.weareteachers.com/dice-games/).  
<https://www.weareteachers.com/dice-games/>



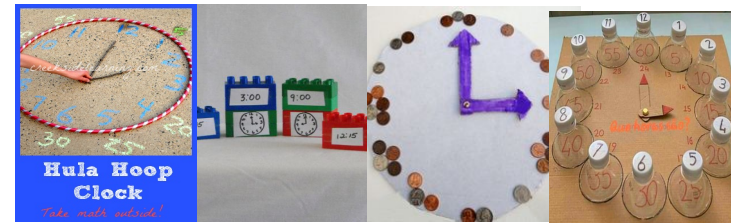
## Fractions

Make some real or paper pizzas for you family. Set up a pizza shop - Sell whole, half and quarter pizzas - record your orders using fraction symbols  $\frac{1}{4}$   $\frac{1}{2}$  1



How much will you charge per slice? Will different topping cost more or less? Work out the total cost of each order?  
Do you need to give any change?

## Time



Make a clock and practice telling the time - o'clock, half past, quarter past and quarter to.

Can you write the digital time too?

Telling time online games:

<https://www.topmarks.co.uk/time/teaching-clock>

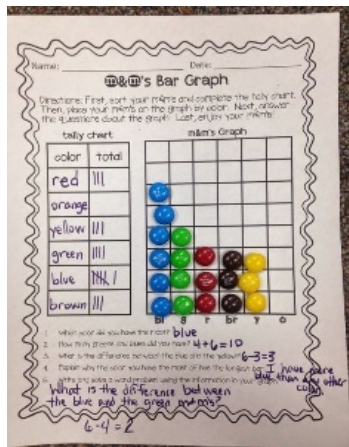
[https://mathsframe.co.uk/en/resources/category/23/measuring\\_and\\_time](https://mathsframe.co.uk/en/resources/category/23/measuring_and_time)

<https://www.bbc.co.uk/bitesize/topics/zhk82hv/articles/zcmdwxs>

<http://www.snappymaths.com/other/measuring/time/time.htm>

(printable time sheets, if you have a printer)

## Data Handling ideas



Watch the birds in your garden and make a tally chart and block graph to record what you see. You could use j2data on Hwb.

Find out what is your families favourite fruit/cereal/chocolate/program – make a graph – you could ring family members!



## Practical ideas to practice times tables (2x, 5x 10x)

Get a large sheet of paper or cardboard - write a range of 2x 5x 10x sums on it- can they match cup/ label to the correct sum.



### Online maths games

<https://www.topmarks.co.uk/maths-games/7-11-years/times-tables>

<https://mathsframe.co.uk/en/resources/resource/318/Tommys-Trek-Times-Tables>

## Make a right-angle monster

(Draw around something circle shaped. Cut out and fold into quarters and cut  $\frac{1}{4}$  out)  
How many right angles can you find in and around your house?



## Capacity

Find at least 6 containers, estimate how much liquid each one holds.

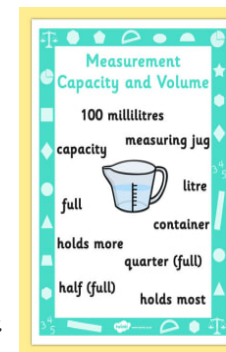
Put them in order from smallest to largest.

Can you find items that hold 1 litre?

500 millilitres or  $\frac{1}{2}$  a litre.

Borrow a measuring jug and practise measuring out accurate amounts?

50 ml  
150ml  
250ml  
500ml  
750 ml  
1000ml / 1 litre



### Stopwatch challenge

You can use the timer on your mobile if you don't have a stopwatch.

How quickly can you write your name 20 times?

Are you faster the second time?

Make up your own challenges.



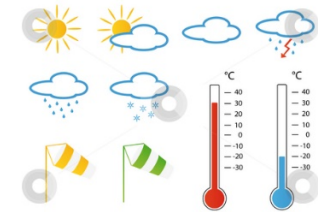
### **Temperature**

Use the BBC weather website to find out what the temperature is each day. Keep a record. Which day was the warmest this week?

Which day was the coolest?

Were any days the same temperature?

Which night was it the coldest?



Measuring Magic includes some challenges from whiterosemaths.com from Mrs Coombs

The Easter Fun pages can be found using the link below.

<https://whiterosemaths.com/homelearning/easter-fun/>

The White Rose Maths Home Learning pages have lots of useful ideas for children and parents.

Explore the Home Learning pages before using with your child. There is a useful video with each lesson but as it is an English website the content does not always match our curriculum.

Choose Year 2, Year 1 or Reception levels to match your children's development not their age.

There are some more links here.

Early Years- <https://whiterosemaths.com/homelearning/early-years/> (These are Hungry Caterpillar activities)

Year 1- <https://whiterosemaths.com/homelearning/year-1/>

Year 2 - <https://whiterosemaths.com/homelearning/year-2/>

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