


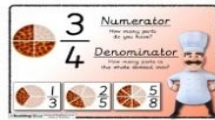






National Numeracy Day (13th May 2020) – Week 6 – KS2

<p>Be a detective and go on an angle hunt in your house and garden. What angles can you spot. Challenge: Take accurate measurements of these angles.</p> 	<p>With the help of an adult, make a cake or biscuits. Your job is to measure out the ingredients, reading the scales carefully. You can take a picture of this to show us.</p> 	<p>Create a bar chart or pie chart of your family and friend's favourite foods or animals. You could phone family members who do not live with you to gather more information.</p> 	<p>Create a maths poster on any topic you like. This could be fractions, times tables, division – whatever you choose. Remember to include some fun facts and pictures.</p> 
<p>Measure the perimeter of the rooms in your house. Compare these with each other. Challenge: Work out the area of one of these rooms.</p> 	<p>Create your own Mondrian piece of art work. What will you use to draw the lines? Label some lines that are horizontal, vertical, perpendicular and parallel.</p> <p>https://www.tate.org.uk/art/artists/piet-mondrian-1651</p>	<p>Look for patterns in nature (in your garden or on your family daily walk). Describe the patterns. Do they tessellate? How often do they repeat? Can you create your own pattern based on what you have seen?</p> 	<p>Use old plastic bottles to make skittles. Write a single digit number on each skittle. How many can you knock over with one go? Add up your score and multiply this by 10. You could try this with other multiples too.</p> 
<p>Design your own maths game. Play this with your family.</p> 	<p>Create a maths rap and perform this. Alternatively, you could use TT Rockstars to learn a times tables song to perform. Channel your inner popstar!</p>	<p>Create a maths quiz – write at least 10 questions down (you must know the answers to these). Be the quiz master and play this with your family. Who wins?</p>	<p>Choose five numbers. How many different addition and subtraction calculations can you create using these numbers?</p> <p style="text-align: center;">+ -</p>
<p>Using the numbers on a road sign what is the largest number your child can make? Encourage your child to use a range of operations</p>	<p>Each player needs to draw a place value grid like the one above to record their answers. Omit the decimals for younger children.</p>	<p>Visit https://nrich.maths.org/1843</p> <p style="text-align: center;">A magician spells out the number words as he moves one</p>	<p>https://www.youtube.com/watch?v=ZlmEN4lxnTA</p>

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and combination of numbers. Younger children could add the numbers, older children could add and multiply using different combination of numbers (so the sign below could become this calculation $5 \times 2 \times 9$ or 52×9 or 5×29) Children in year 6 could explore BODMAS and look at completing operations in different orders depending on the law of BODMAS



Use the 1-9 cards. Take turns to draw a card and put it in one of the columns. Once a card has been used you can't move it. The player who has written the biggest number at the end (and can read it accurately) is the winner.



card at a time to the bottom of the pack. As he finishes each word he turns over the matching card each time. How does he do this?

Learn how to do this amazing mathematical card trick and amaze all your family and friends.

Do you have a card trick you can share with us?

