Maths Learning Activities – choose one a day and email me your work.

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| **Roman Numerals**  Go outside and find some sticks. Which Roman Numerals can you make, using those sticks? | **Angles**  Go outside and find some more sticks. How many polygons can you make? Can you make a dodecagon? How many angles does it have?  Can you make polygons with right angles? Obtuse angles? Acute angles? Do as many as you can! | **Date Handling**  Go outside and mark an area on the grass. Count the number of flowers in this area.  Repeat this for at least two other areas.  Compare your findings on a bar chart (the bar chart will show the number of flowers in at least three areas outside.) |
| **Carroll Diagram**  Find various items from your home/outside/on your daily walk. Compare them by colour, size etc using a Carroll Diagram. | **Playing With Water**  Find two different containers – one which could hold 5 litres and one which holds 3 litres. How can you pour exactly 7 litres of water into a bucket? | **Maths Mystery**  Complete the Maths Mystery, which is on our website. |
| **Compass Directions**  Get a compass (lots of phones and tablets have them) and a piece of paper. Stand in a spot in your house/garden and record what you can see in different directions. Can you be precise? Don’t forget North East, South West etc. | **The Human Clock**  Draw a clock as big as you can – you can use chalk, sticks etc. Lie in the middle of your clock. Ask another person to say times – can you show those times using your body? | **Addition Olympics**  Again, go outside with another person. Set up different activities where you need to be timed. For example, how long does it take you to jump ten times on the spot? How long does it take you to score ten goals? Make sure your partner does the activity too. Write your times down and add them up. |
| **Welcome to my Cafe**  Set up a café, including prices. Invite your family to visit – how much does their order cost? How much change would you give them if they paid with a £5 note? Or a £10/£20 note? | **You’re the Maths Teacher!**  Create your own maths game. It’s your choice what your game is about, how it’s presented and how it’s played. | **Algebra…**  This is something we haven’t done before in Ospreys (it’s really for year 6 but I think we’re up for the challenge!) Algebra is a fancy maths word for ‘missing number’ and we use a letter to represent the missing number.  Can you tell me the value of y in these calculations?  34 + y = 50  y – 12 = 23  73 + y = 109  219 – y = 107  Hint: Use the inverse to find the missing numbers!  Can you write your own calculations? |