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

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| **Perimeter and Area**  Create at least 5 squares and rectangles – you can draw them on paper, use sticks outside, Lego pieces etc (it’s up to you!)  Now, measure the perimeter of each shape. When you’ve done that, calculate the area of each shape. Don’t forget to use the correct units of measure! | **Symmetry Outside**  Find as many natural resources as you can (such as sticks, leaves, petals, rocks etc.)  Create an image with these materials. Make sure it is symmetrical. How many lines of symmetry can you spot? Are they horizontal? Diagonal? Vertical? | **Adding and Subtracting Fractions**  Complete these questions:   1. 2/4 + ¼ = 2. 3/5 + 1/10 = 3. 7/8 – 3/8 = 4. 3/9 + 2/3 = 5. 4/5 – 1/10 = 6. 6/7 – 4/14 =   DON’T FORGET: If the denominators are different, you MUST make them the same before doing the calculation.  So, if I were doing ¾ + 1/8, I need to turn ¾ into eighths. I can do this by multiplying 4 by 2, but what I do to the denominator, I MUST do to the numerator. So ¾ = 6/8. |
| **Times Tables**  Find a family member or friend who doesn’t mind practicing their times tables!  Throw a ball to eachother, taking it in turns. The person who throws the ball says a times table fact, e.g. 5 multiplied by 8 is 40.  The person who catches the ball has to say a related multiplication fact including a decimal. For example, 5 multiplied by 0.8 is 4.  Throw the ball again and keep going, changing the times tables so you practice as many as you can!  If you say an incorrect answer, you have to kneel down and can only stand up when you get a correct answer! | **TT Rockstars**  Go on TT Rockstars for half an hour and collect as many coins as you can! | **Stain Glass Windows**  Look at stain glass windows (they are normally found in churches but there will be pictures online.)  Create your own stain glass windows using as many different polygons (2D shapes with equal sides and angles.)  Add colour to make your window look even better! |