## EYFS Digging Deeper Maths Challenges

| 1. <br> Choose 4 colours to design your own stripy t-shirt. How many different $t$-shirts can you make by using the colours in different orders? | 2. <br> Charlie has two sweets and Ellie has 8. Liz has a number in between. What number could it be? Is there more than 1 answer? | 3. <br> A pirate has 15 coins some are silver and some are gold draw what his treasure might look like. How many different ways of drawing his treasure can you find? Is there a way of organising your drawings to check you found all the possibilities? |
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| 4. <br> When you roll two dice, what's the highest number you can get? What's the lowest? | 5. <br> Work as a family to solve this puzzle! You could make a river and use toy animals. | 6. <br> Cupcake challenge! Imagine you are making cupcakes. You have red, blue and yellow icing. Your toppers are cherries, chocolate buttons and smarties. Investigate the different cakes you could decorate. |
| 7. <br> Play the dice game Ship, Captain and Crew! Instructions can be found here. | 8. <br> Learn to play a card game with playing cards. You can find some family friendly games here. Other great games are Uno or Dobble. | 9. <br> Make up your own family board game. You could base it on a game you already know, or create your own game from scratch. You could make counters, cards, the board - everything! Blank board game templates like the ones below are easily found online. |

You might like to colour in the square below each time you complete a challenge!


