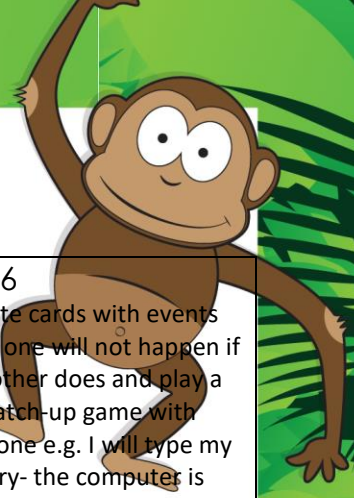
30 Days of Statistics & Probability for Year 3/4



Day 1 Ask your family members which TV shows they enjoy. Create a column graph.	Day 2 You want to go on a skiing holiday with your family in Canada! What is the most likely place and time for you to go? Why?	Day 3 Flip a coin with a partner, 20 times each and record how many times you got heads and tails in a tally. Discuss your results!	Day 4 Write down events that may or may not happen. Order them from least likely to most likely to happen on a number line.	Day 5 Create a set of 'Chance Challenge' cards and ask a family member e.g. what is the chance you will fly tomorrow?	Day 6 Create cards with events where one will not happen if the other does and play a match-up game with someone e.g. I will type my story- the computer is broken.
Day 7 A student asked Miss B a question and her response was 'maybe'. List what possibilities the question might be?	Day 8 List all of the possible outcomes in a game of paper-scissors-rock. Play with a partner!	Day 9 Create a table with the headings: Certain, Possible, Unlikely, Impossible. List at least 6 events that would belong under each heading.	Day 10 A family has 3 children, 1 is a girl. Draw what the other family might look like.	Day 11 Mrs M spent $10. She was given $5 change. List all of the possible coins she could have received.	Day 12 Have a jar of food (e.g. jellybeans). Record all of the possible outcomes if you put your hand into the jar and selected 4 (e.g. 1 red, 2 greens, 1 blue).
Day 13 Write down the possible combinations if I rolled 2 six-sided dice.	Day 14 Write down as many chance words that you can think of in 5 minutes! E.g. uncertain, may, will.	Day 15 Ask your family what their favourite food is. Create a tally and then a bar graph with the information.	Day 16 List 5 questions you could ask to find your class' most popular favourite colour.	Day 17 Write down 3 things you think are fair and 3 things you think are unfair.	Day 18 Write sentences about the possibility of something happening using the language of chance e.g. highly unlikely.
Day 19 Create a map of your suburb. Colour the longest way to get from your house to the shops, the shortest way & 3 other ways you can get home from the shops!	Day 20 Write down 1 event that will happen today, 1 that won't and 1 that might.	Day 21 Work with a partner. Roll 2 dice 20 times. Write your results in a table. Draw a graph of the information.	Day 22 Create a pictograph of your family's favourite superheroes.	Day 23 Draw all possible two-scoop combinations of these flavours: vanilla, lime, chocolate, mango & strawberry.	Day 24 I have 4 pens- blue, black, green & red. I picked 2 without looking. What are the chances I picked blue or red? Why?
Day 25 Draw a bag of 12 jellybeans. Ask someone the questions- how manty are Yellow? Purple? Pink? They need to answer In fraction format, e.g. 2/12.	Day 26 Predict what number you will roll on a die the most. Roll the die 30 times and keep a tally. Were your predictions correct?	Day 27 Create your own game of chance and play with a partner, e.g. a game with dice or playing cards!	Day 28 Take turns tossing a coin with a partner. Keep a tally of 50 tosses each, first one to 20 tails wins!	Day 29 Write down as many things that are impossible as you can in 2 minutes!	Day 30 Make a list of 10 questions where you would get an answer of 'probably not'.

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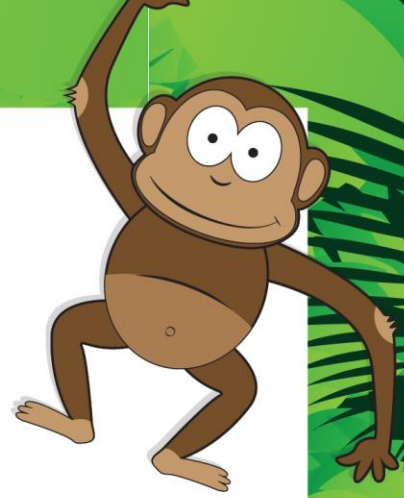

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