



HOLIDAY MATHS

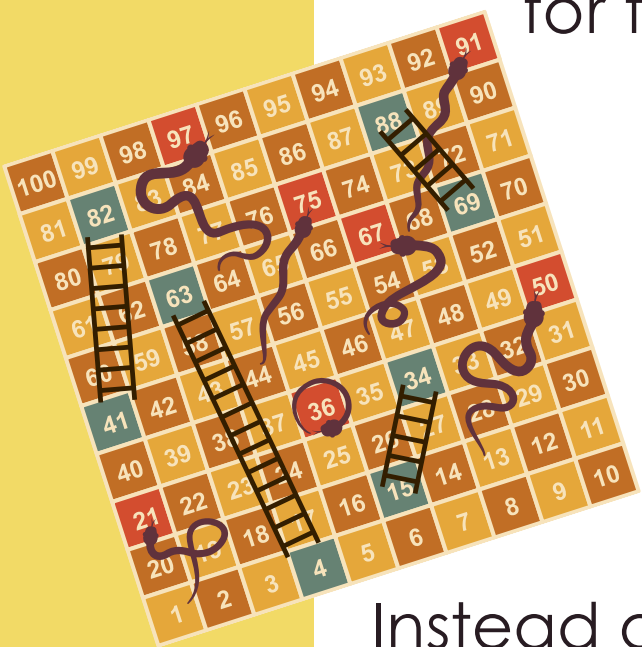
Dear Families,

Are you looking for a new game for the school holidays with the added bonus of a little bit of mathematical learning and practice? Great, because I have a couple of ideas for you!

The following games are sourced from <https://thinksquare.com.au>.

Mathematical Snakes and Ladders

This version is perfect for those students who have developed their understanding of the four mathematical operations. In this Snakes & Ladders game when you roll the dice you get to decide whether you add, subtract, multiply or divide by the number you have rolled. For example on my first roll, I roll a 5 so I add to 0, taking me to 5 on the board; my second roll is a 4 so I multiply it by 5 and land on 20. Students will need to apply their knowledge of the 4 operations, together with strategy to try to achieve the win. Remember the standard rule of up the ladder and down the snakes still apply. All you need for this game is a standard Snakes & Ladders board, dice and some sort of counters.



Mathematical Tic Tac Toe

Instead of playing with the traditional naughts and crosses, the mathematical version requires you to play with the digits 1 to 9. The attacker wins if any 3 numbers in a row (vertical, horizontal or diagonal) add to exactly 15. The defender wins if no line of 3 adds to 15. This game rehearses addition of single digit numbers which is fantastic for our younger students but is also a great game of logic and strategy to keep our older students entertained and challenged! All you need for this game is paper and pencil - perfect for a holiday car trip!

