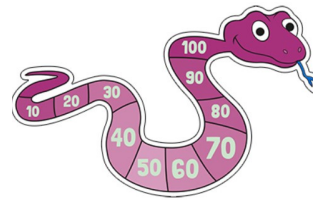


# Inspiring Mathematics- Celebrating Chinese New Year

## Where's the maths in snakes?

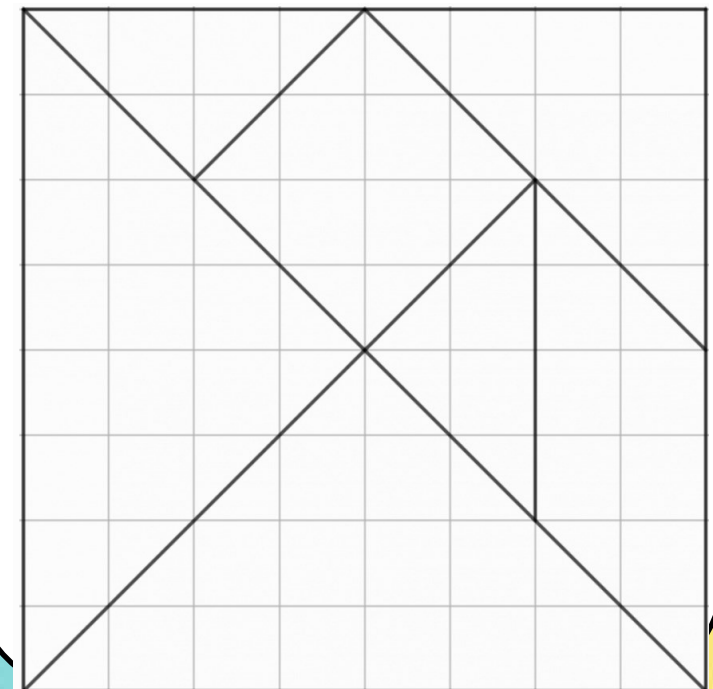
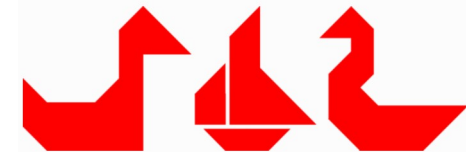
1. Play a game of Snakes and Ladders
2. Snake Number Patterns– draw a snake with numbers (e.g., 2, 4, 6, 8 or other times tables facts)- can children spot the pattern, decide what comes next, figure out the hidden number in a sequence?
3. Draw a snake shape with angles- identify and measure angles (right, acute, obtuse).
4. Snake Multiplication-write multiplication problems on the snake's body- roll a dice and solve the problem you land on.
5. Snake Fractions– draw a snake and divide it into parts to represent fractions (e.g.,  $\frac{1}{2}$ ,  $\frac{1}{3}$ ).
6. Create some snakes from wool or string– measure how long they are.
7. Sort numbers as even or odd on the snake's body.



## January Maths Challenge

A tangram is an ancient Chinese puzzle where you make pictures using mathematical shapes.

**CHALLENGE**– Cut out the tangram pieces below. Can you make each of the pictures using your seven pieces?



# Year of the Snake

## Your Characteristics

Snakes can be seen as cunning and sly but they are also wise and witty. For some people, finding a snake in their court is seen as a sign of good luck. People born in the year of the snake are calm, humorous and can be gifted in art and literature (the artist Picasso was born in the year of the snake). Suspicion and jealousy can be a weakness for some snakes.

You are best matched with dragons and roosters as they are creatures that will co-operate well and you will find it easy to have a harmonious bond with them.

## Your Lucky..

### Colours

red

light yellow

black

### Directions



north-east  
south-west  
south

### Numbers

2

8

9

蛇

## Years of the Snake

1917, 1929, 1941, 1953, 1965,  
1977, 1989, 2001, 2013, 2025



**Diversity  
& Inclusion  
in Maths**