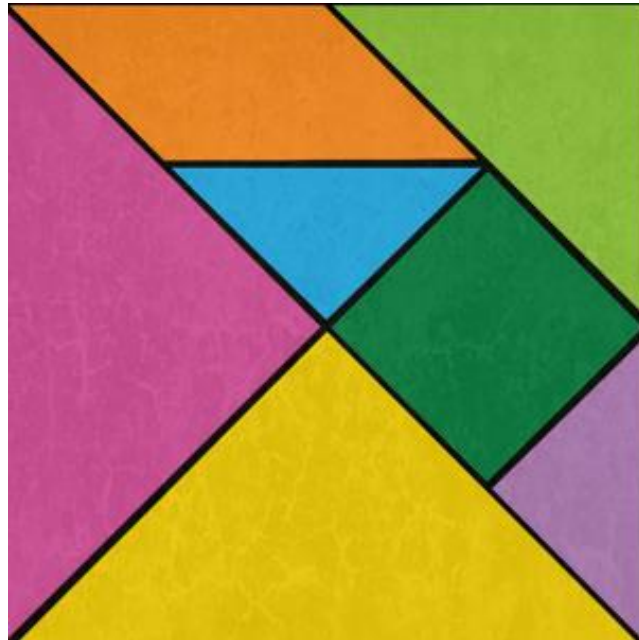


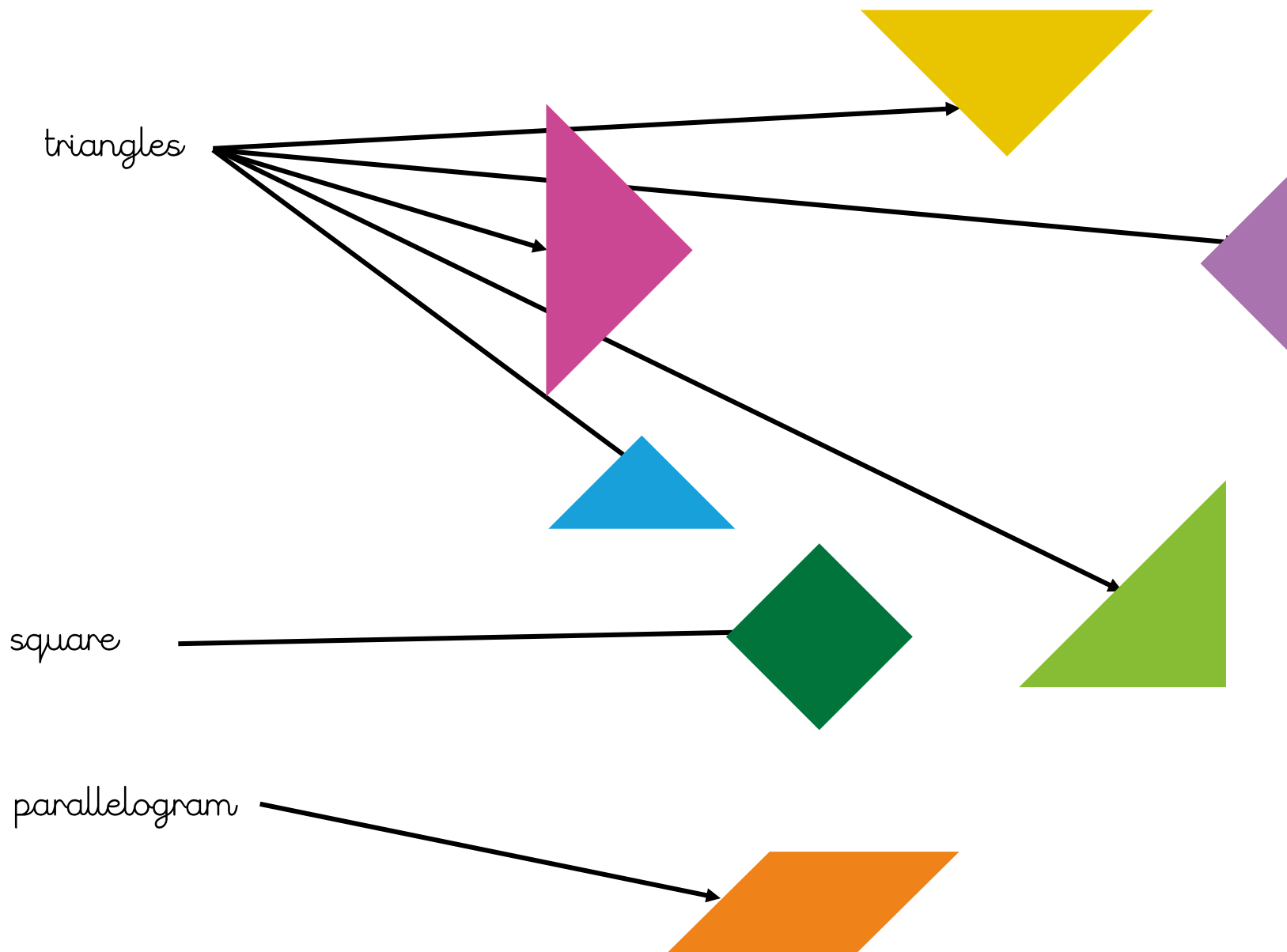
WALT: To use and apply
knowledge of 2D shapes
(Tangram investigation)

What is a Tangram?

A Tangram is an ancient Chinese puzzle. According to legend, a scholar named Tan discovered the game by accidentally dropping a porcelain tile and breaking it into seven geometric pieces.

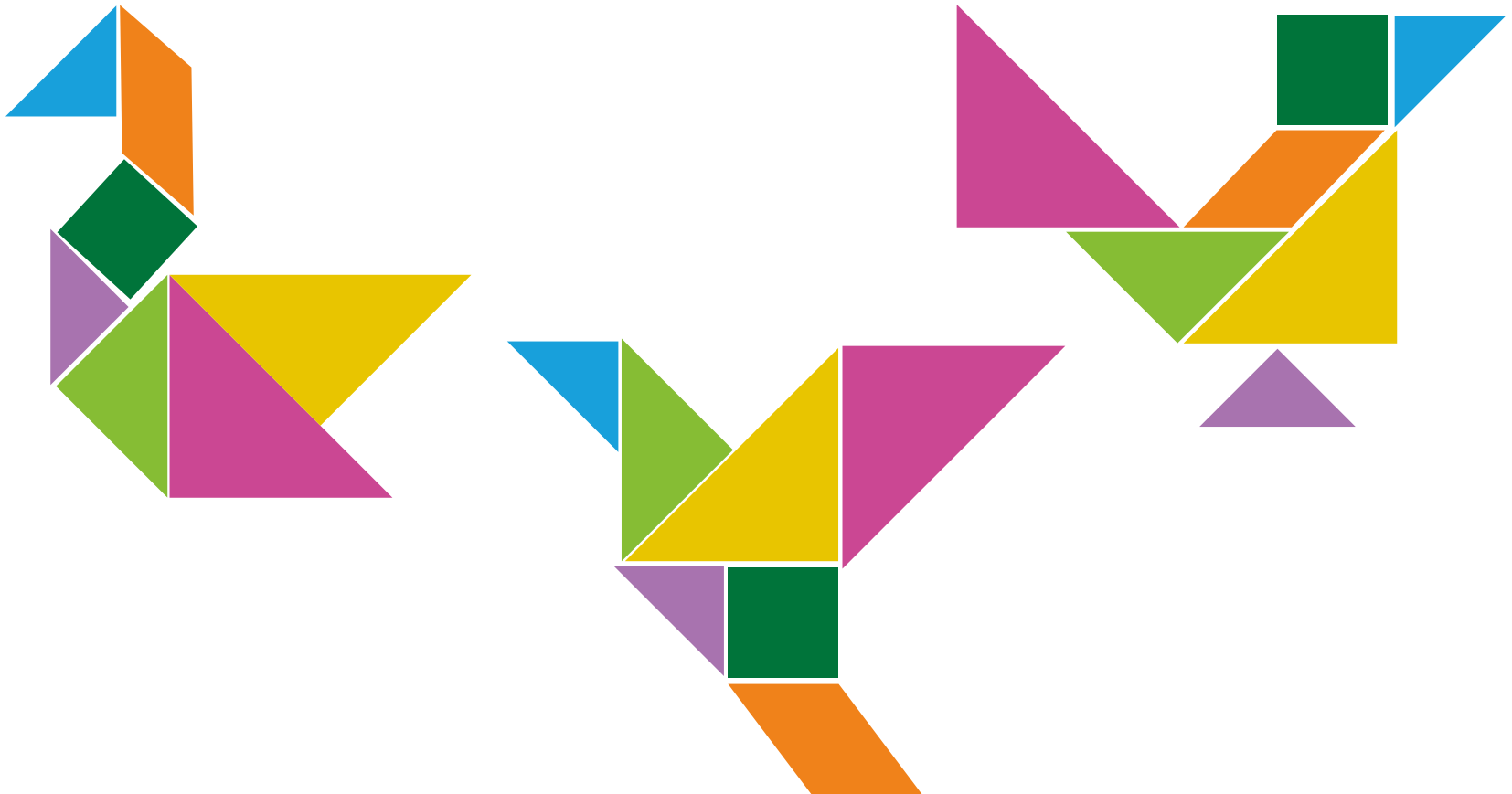


What different 2D shapes can you see in the Tangram?



Tangram Animals

Can you see how the Tangram pieces have been used to make these birds?



Can you see how the Tangram pieces have been used to make these cats?



Key Vocabulary

- 2D shape
- Tangram
- Corner
- Face
- Triangle
- Square
- Parallelogram



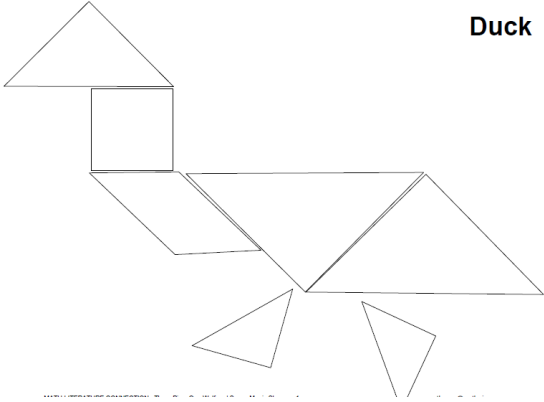
As you go through the investigation, add your own examples of key vocabulary to the list which you feel have added value to your learning.

Tangram Animal Investigation

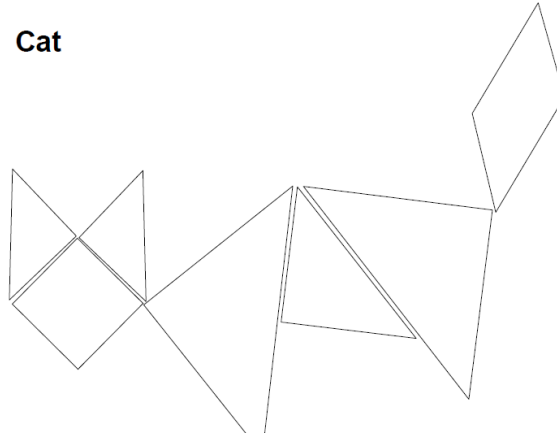
Using the different Tangram pieces,
what different animals can you make?
If you are finding this tricky, use some
of the following templates to help you.

Tangram Animal Templates

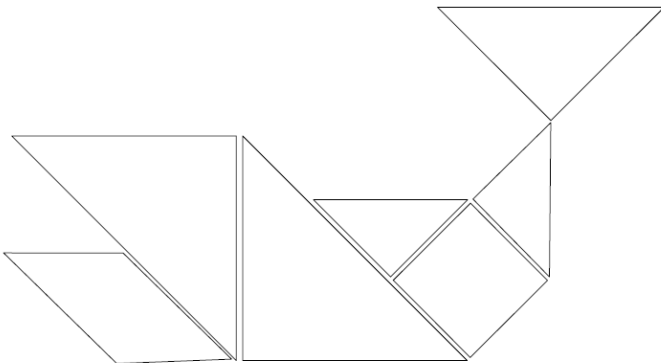
Duck



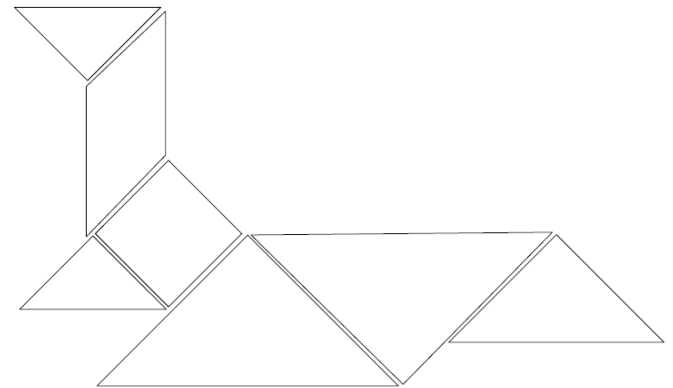
Cat



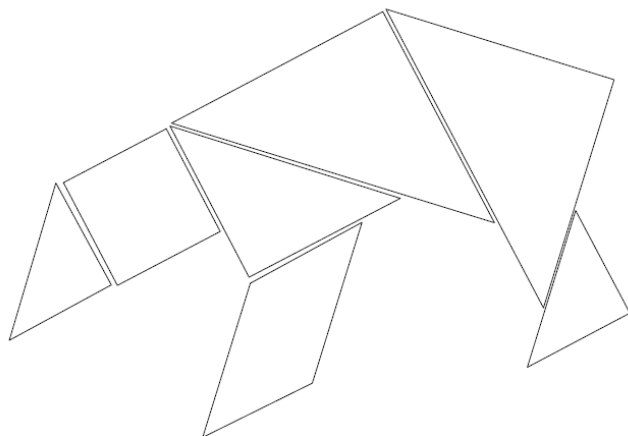
Whale



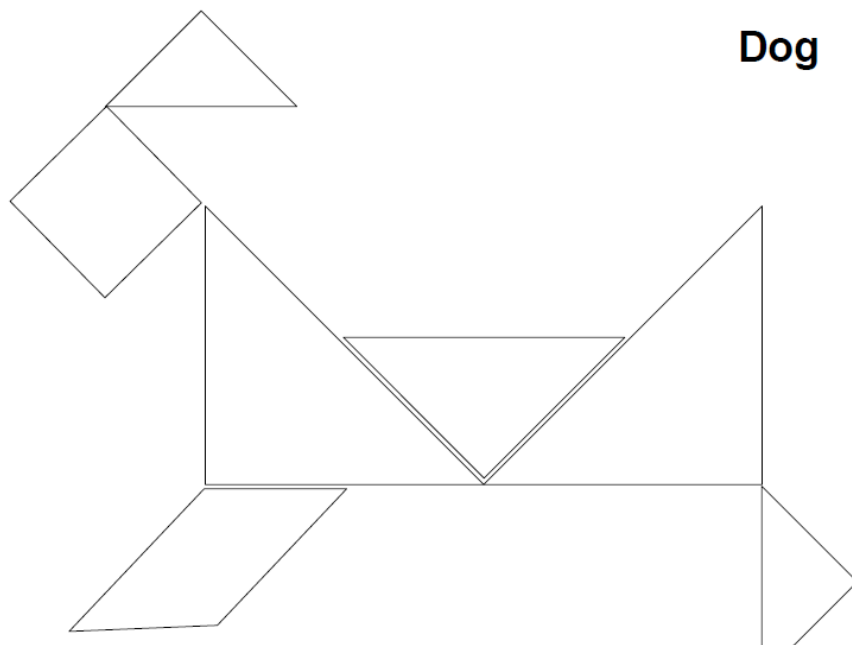
Seal



Bear



Dog





Tangram Challenge

Using the Tangram pieces, which digits and/or letters of the alphabet can you make?

Have fun exploring.



Tangram letters of the alphabet and digits **SUGGESTED ANSWERS**

