



Maths and Stories Day – Chelmondiston Primary School

On 13th October all classes experienced a day of learning maths through stories.

Reception and Year 1 learned that a tangram is a picture made from the 7 tangram shapes. The class read 'Tangram Cat' to discover all sorts of things that can be created with just seven shapes, which included a tangram cat. Then Reception children partnered up with a Year 1 child to make their own pictures using the tangram shapes, including rockets, swords, scarecrows, hearts and trees. These became the stimulus for some creative storytelling.



Year 2 read the book 'How Big is a Million?' The story tells the adventures of a small penguin as he tries to find out how big a million is. The children talked about what the greatest number is that they know and how to count large numbers of things, like stars in the sky and groups of penguins.

Year 3 practised telling the time through reading 'The Bad Tempered Ladybird.' The children learned about the hands of the clock, showing o'clock and half past time, writing time in words and drawing hands on a blank clock. In the afternoon, they played time related board games, using the giant clock on the interactive board to add and subtract time.

Using the book 'A Place for Zero', Year 4 had a day of problem solving which included identifying 2D shapes with up to 9 sides and determining how many zeros would appear in numbers up to 100, 1000 and 10,000. Finally they created 'Zero the Hero' superheroes to show how important zero as a digit is.



Years 5 and 6 used the story, 'Tower to the Sun' as inspiration for their learning.



They began by finding out about the 10 tallest towers in the world and ordering them in descending order. The children then worked in groups of four to explore the following question: What is the tallest tower that can be built out of 3D shapes in 30 minutes? Pupils collaborated, using art straws and masking tape to construct their towers. Finally, the children played the famous game of the Tower of Hanoi. Some children were able to complete the puzzle using not only 3 discs, but also 4 and 5.