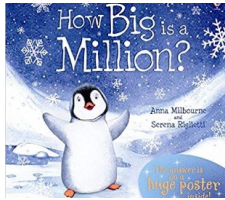


Maths in Stories

Pipkin the penguin goes on an adventure to find out how big a million is. On the way, he counts ten fish, one hundred penguins in a huddle, and one thousand snowflakes. Then when he gets home, his mum shows him one million stars in the sky!



Where's the maths?



- Can you use maths words to describe what you see?
- What do you notice?
- What shapes and patterns can you see?
- Think about symmetry and reflections
- Are all butterflies symmetrical?
- Why not venture outside and count how many butterflies you can find?
- Estimate how much a butterfly weighs. What is a butterfly's life span?



Inspiring and Influential Mathematicians

Diversity & Inclusion in Maths

Stephen was very interested in black holes. People thought that nothing could ever come out of a black hole but Stephen thought they were wrong. Lots of people were shocked when Stephen found out that waves of energy can come out of black holes.

Stephen is best known for finding out a lot about how the universe was made and predicting what might happen to it in the future.

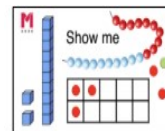
Stephen wrote a book about how he thought that the universe started with the Big Bang.

“Remember to look up at the stars and not down at your feet. Try to make sense of what you see and wonder about what makes the universe exist. Be curious.” – Stephen Hawking



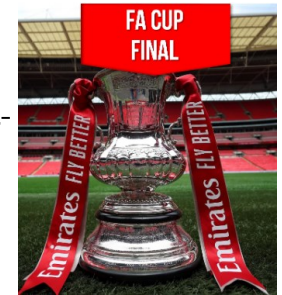
Marvellous Maths

Every odd number has an “e” in it.



May Maths Challenge

The FA Cup is a football competition that takes place every year. It was first played during the 1871-72 season and is the oldest football competition in the world!



Here are some of the results from the 2023 FA Cup:

Match	Score
Manchester City vs Manchester United	2 : 1
Manchester City vs Sheffield United	3 : 0
Brighton vs Manchester United	0 : 0
Manchester City vs Burnley	6 : 0
Sheffield United vs Blackburn	3 : 2
Brighton vs Grimsby Town	5 : 0
Manchester United vs Fulham	3 : 1

Use the table to answer the questions.

- How many goals were scored in total?
- Which match had the largest goal difference?
- Which match resulted in a draw?
- How many goals did Manchester City score overall?
- What was the mean score for a match using the information given? (round to 1 d.p.)