



Dates For Your Diary:

STEM week – 17th June

Mathematician of the term:



**Maryam
Mirzakhani
1977-2017**

Maryam was born and raised in Iran. During her teenage years took part in the International Mathematical Olympiads, becoming the first Iranian student to achieve a perfect score and win two gold medals. In 2014 Maryam Mirzakhani was the first ever female mathematician to receive the Fields Medal, which is sometimes described as a Nobel prize for mathematics.



Achievements:



In the future, we hope to include names of pupils who have shown resilience and hard work in Maths. If you would not want your child's name to appear here, please contact the school office.

What we are learning this term:

Year 1: Addition and subtraction (within 20) Addition and subtraction (within 10) Shape, Place Value (within 20.)

Year 2: Multiplication and division, statistics, Properties of shapes, fractions, length and height.

Year 3: Multiplication and division, money, statistics, length and perimeter, fractions.

Year 4: Multiplication and division, area, fractions, decimals.

Year 5: Multiplication and division, fractions, decimals and percentages

Year 6: Decimals, Percentages, algebra, converting units, perimeter, area and volumes, ratio.

Maths Mastery: As a school, we now follow a maths mastery approach. At St Joseph's we have high expectations for every child. Teaching maths for mastery is a transformational approach to maths teaching which stems from high performing Asian nations such as Singapore. When taught to master maths, children develop their mathematical fluency without resorting to rote learning and are able to solve non-routine maths problems without having to memorise procedures.

If you would like more information:

<https://www.ncetm.org.uk/resources/47230>

Extra information: If you work in a job which involves STEM (Science, Technology, Engineering or Maths) it would be fantastic if you could come and speak about your career at our STEM assembly on Friday 21st June. Please contact the office for more information.