



MATHS NEWSLETTER

Spring 2021



Welcome to the latest newsletter about the wonderful world of maths at Poplar Street

HAVE A LOOK AT OUR FANTASTIC WORK!

During the autumn term, we had an Artful Maths Day and here are some of our pieces of work currently on display in the hall.



Take part and make maths count!

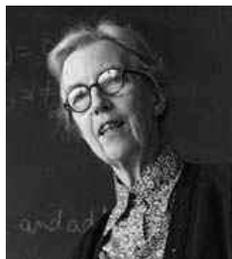
NSPCC Number Day 2021
Date to be confirmed

#numberday
#NSPCC

Poplar Street will be joining many schools around the country for NSPCC's Dress Up for Digits number day. For a voluntary contribution, children can come to school dressed as any number. It could be as simple as a spotty t-shirt or as adventurous as a dice costume. There are plenty of ideas on the internet to inspire creative costume ideas. We will be dedicating the full day to practical maths activities. We are very excited to take part in this maths day whilst also raising money for a charity that helps to protect children.

MYTH BUSTING

A recent study has shown that there are no gender differences when working on maths. In fact, the research shows that children's brains function the same, regardless of whether they are a boy or girl.

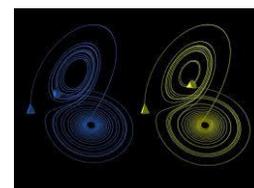
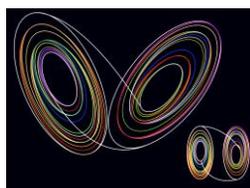


Dame Mary Lucy Cartwright

CELEBRATING WOMEN IN MATHS

Mary Cartwright was a British mathematician. She was the first woman to obtain a first in her university degree and one of the first mathematicians to study the chaos theory. She was the first woman to receive a medal for her mathematical research, the first woman to be President of the Mathematical Association and the first woman to be President of the London Mathematical Society. Mary also has a mathematical theory (Cartwright's Theorem) named after her!

CHAOS THEORY IMAGES



Wild Maths - explore, imagine, experiment, create!

Mathematics is a creative subject. It involves spotting patterns, making connections, and finding new ways of looking at things. Creative mathematicians play with ideas, draw pictures, have the courage to experiment and ask good questions.

Wild Maths is a collection of mathematical games, activities and stories, encouraging you to think creatively. We've picked out some of our favourites below - have a go at anything that catches your eye. If you want to explore games, challenges and investigations linked by some shared mathematical areas, click on the Pathways link in the top menu.

Happy exploring!



Creating Squares

Can you create a complete square before the computer? Play the interactive game and see if you can find a winning strategy.



Play to Win!

Can you find a winning strategy for each of these games? Can you see how they are linked?



Spring Term – EYFS & Key Stage 1

Nursery - counting & recognising numbers, size, weight & capacity, addition & subtraction, 3D shapes, time

Reception – counting & recognising numbers, size, weight & capacity, addition & subtraction, 3D shapes, time

Year 1 – addition & subtraction (within 20), place value (within 50), multiples of 2,5,10, length, height, weight, volume

Year 2 - multiplication & division, statistics, properties of shapes, fractions, length & height

Spring Term – Key Stage 2

Year 3 - multiplication & division, money, statistics, length & perimeter, fractions

Year 4 - multiplication & division, area, fractions, decimals

Year 5 - multiplication & division, fractions, decimals, percentages

Year 6 – decimals, percentages, algebra, ratio, geometry, statistics, problem-solving