



Mathematics

Our Abacus curriculum drivers (communication, independence, engagement and wellbeing) are at the heart of our planning and teaching in Maths. This can be seen through collaborative and independent tasks, practical activities as well as problem solving and reasoning opportunities.

Learning sequences across the school use a CPA (concrete, pictorial and abstract) approach to support children with their understanding. Children will use a range of manipulatives such as base 10, Numicon and counters to embed skills until they have achieved arithmetical proficiency. Maths is an essential subject as it is found everywhere. Maths teaches children vital skills which they will need to succeed in life and support their future employability.

To describe position on a grid. 28/6/21
To draw on a grid. 5/7/21

Engagement

Independence

Communication

Missing Coordinates

S.T.E.M. including Maths Day

We used the book 'The Rabbit Problem' to explore the Fibonacci sequence. We worked out the sequence through problem solving and then used the numbers as the radius when drawing circles to create some artwork.

The Rabbit Problem

Circle FIBONACCI art

We worked in small groups in Maths to represent numbers within 50 using base 10, counters and tens frames.

We also decided when to challenge ourselves to draw our numbers on number lines and as part-part-whole models.

Everyone worked

Friday 18th June 3d Shapes

triangular prism

5 faces
9 edges
6 vertices

tetrahedron

4 faces
6 edges
4 vertices

square-based pyramid

cube

6 faces
12 edges
8 vertices

Lessons are taught using a range of strategies to engage the children. This includes games, practical activities and physical manipulatives.

STEM Week 2021

STEM week allows for cross curricular learning opportunities with Science, Computing and D&T. Examples of learning in this week include art with the Fibonacci number sequence, finding fractions with chocolate and creating bar chart.



The school took part in the NSPCC Numbers Day by dressing up in STEM inspired costumes. We raised £362.38.



NSPCC
Number Day 2021

THANK YOU TO ALL THE PUPILS AND STAFF AT
ABACUS PRIMARY SCHOOL

FOR RAISING £362.38

WE ARE SO GRATEFUL FOR YOUR SUPPORT AND
GENEROSITY. THE MONEY RAISED WILL HELP TO
CHANGE CHILDHOODS ACROSS THE UK.

Karen Squilino
Head of NSPCC, St. James' Service
THANK YOU!

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