



Year 6 Class Newsletter

Summer Term 1

Believe

Grow

Achieve



Tomorrow's World

THIS TERM'S LEARNING THEME:

TOMORROW'S WORLD

SUBJECT FOCUS: COMPUTING

THIS TOPIC IS FOCUSING ON COMPUTING AND TECHNOLOGY AND THE HISTORY OF COMPUTING

TEXT MESSAGES, EMAILS, WEBSITES, BLOGS AND PODCASTS – THERE ARE SO MANY WAYS TO COMMUNICATE.

DISCOVER THE MOVERS AND SHAKERS IN THE WORLD OF TECHNOLOGY – THE PEOPLE WHO'VE SHAPED THE MODERN WORLD. PERHAPS YOU MIGHT BE A VISIONARY FOR THE NEXT GENERATION?

LET'S START TODAY ON TOMORROW'S WORLD...

Dear Parents

First of all thank you for your continued support with your child's learning; I hope you all had a relaxing Easter break. The children have arrived back this term and are working and revising hard, only a few weeks before SATs which are the **week beginning the 13th May.**

During SATs week children will be invited to join 'breakfast club' starting at 8:20am. This is aimed at allowing children to enter school early and get ready for their assessments in a calm atmosphere. This will run from Monday 13th May – Thursday 16th May. All food and cereals will be provided free of charge.

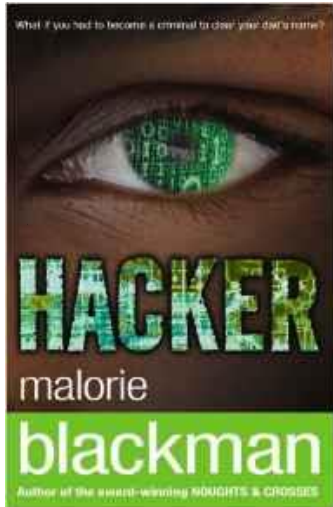
USEFUL INFORMATION

Some useful websites to download past SATs papers:

www.emaths.co.uk
www.sat-papers.co.uk
www.satstestsonline.co.uk
www.satspapers.org.uk

Home Learning

Children will be set maths homework primarily via Matheletics and English homework is daily reading. As we approach SATs, children will be given more past papers and bespoke revision to do at home.



KEY LINKED TEXT: Hacker by Malorie Blackman

ENGLISH: We will writing a range of non-fiction texts and poetry based on our key text.

APPLYING MATHS: Maths will come in the form of problem solving this half term, with lots of open ended activities to practise arithmetic and reasoning skills ready for SATs.

SCIENCE: The focus for this half term is electricity, which links perfectly to our topic. Your child will recap on key circuit knowledge before applying this to create a functional device of their choosing.

COMPUTING: As the focus for this topic, your child will conduct online research, investigate websites and look to create their own version of one.

PE: Swimming lessons will commence on a Wednesday afternoon and a Thursday morning. Other PE lessons will focus on the skills of athletics in preparation for sports day.

Outdoor Learning: Will focus on survival and creating a safe fire which we could use to survive and cook on.

Year 6 Mathematics Curriculum

Key areas of focus for this half-term are underlined.

Number and Place Value

- 🌟 Work with numbers to up ten million (10,000,000) including negative numbers
- 🌟 Round any number to any required number of digits or magnitude

Calculations

- 🌟 Use the standard method of long multiplication for calculations of four-digit numbers by two-digit numbers
- 🌟 Use the standard method of long division for calculations of four digit numbers by two-digit numbers
- 🌟 Identify common factors, common multiples and prime numbers
- 🌟 Carry out complex calculations according to the mathematical order of operations
- 🌟 Solve complex problems using all four operations

Fractions and Decimals

- 🌟 Use common factors to simplify fractions, or to add fractions with different denominators
- 🌟 Place any group of fractions into size order
- 🌟 Multiply pairs of fractions together
- 🌟 Divide fractions by whole numbers, for example $1\frac{3}{4} \div 2 = 1\frac{6}{8}$
- 🌟 Use division to calculate the decimal equivalent of a fraction
- 🌟 Know and use common equivalences between fractions, decimals and percentages, such as $1\frac{1}{2} = 0.5 = 50\%$

Ratio and Proportion

- 🌟 Find percentages of quantities, such as 15% of £360
- 🌟 Use ratio to explain relationships and solve problems
- 🌟 Use simple scale factors for drawing simple shapes or diagrams

Algebra

- 🌟 Use simple formulae
- 🌟 Describe sequences of numbers where the increase between values is the same each time
- 🌟 Solve missing number problems using algebra
- 🌟 Find possible solutions to problems with two variables, such as, $a + b = 10$

Measurements

- 🌟 Convert between any metric units and smaller or larger units of the same measure
- 🌟 Convert between miles and kilometres
- 🌟 Use a given formula to find the area of a triangle or parallelogram

Shape and Position

- 🌟 Draw 2-d shapes using given sizes and angles
- 🌟 Use knowledge of 2-d shapes to find missing angles in triangles, quadrilaterals and other regular shapes Name and label the radius, diameter and circumference of a circle
- 🌟 Find missing angles in problems where lines meet at a point or on a straight line
- 🌟 Use a standard grid of coordinates including negative values

Graphs and Data

- 🌟 Construct and understand pie charts and line graphs
- 🌟 Calculate the mean average of a set of data