



KNOWLEDGE ORGANISER

YEAR: 6

TERM: Pentecost 2026

TOPIC: Marvellous Monarchs



COMPUTING - Coding

Use logical reasoning to explain how some simple algorithms work and to **detect and correct errors** in **algorithms** and **programs**.

Work with **variables** and **various forms** of **input and output**.

Design, write and debug programs that accomplish specific goals, including **controlling or simulating** physical systems.

Solve problems by **decomposing** them into smaller parts.

Use **sequence, selection, and repetition in programs**.



PSHE - CREATED AND LOVED BY GOD Unit 4 – Life Cycles

How a baby grows and develops in its mother's womb

Pregnancy and childbirth are God's way of giving the gift of life: He creates new life, but entrusts parents with the job of making us

Basic scientific facts about sexual intercourse between a man and woman

The physical, emotional, moral and spiritual implications of sexual intercourse

CREATED TO LIVE IN COMMUNITY Unit 2 – Living in the Wider World

Apply the principles of Catholic Social Teaching to current issues.

Find ways in which they can spread God's love in their community.

There are a wide variety of payment options.

The importance of budgeting and tracking spending and saving.

About the hierarchy of needs and other influences on spending choices.

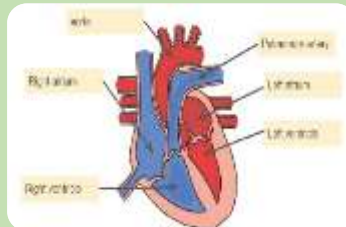
Some people have more money than others.

God asks us to be good stewards of our money and resources.



SCIENCE – Animals including humans

- Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood
- Recognise the impact of diet, exercise, drugs and lifestyle on the way their body functions
- Describe the ways in which nutrients and water are transported within animals, including humans.



MATHS

The children will continue preparing for SATs using sample test papers and revising previous work. Topics covered will include:

- Multiplication and division – involving money and real-life problems.
- Fractions, decimals, percentages, ratio and proportion including all four operations for fractions.
- Aspects of geometry including area, perimeter and volume, circles along with other common 2 and 3D shapes.
- Handling Data – collecting, organising, representing, extracting and interpreting data in tables, graphs and charts including pie charts.
- Revision of square, triangular and prime numbers, recognition of multiples, rules of divisibility and simple formulae.

We will cover units on 3D scaled models and also money investigations during 'My Money Week'

ENGLISH

Throughout the first half of this term the children will continue to prepare for SATs by revising, grammar, punctuation, spelling and handwriting.

We will cover letters, diaries and newspaper reports relating to our Creative Curriculum topic of Tudors and use historical facts and the language of the era.

Pupils will also be given the opportunity to explore a range of short narratives through our Imagination Station topic.

REMINDERS

Year 6 Curriculum Afternoon 12 June 2026
Yr 6 Production 01 July 2026
Sports Day 09 July 2026
Yr 6 Fundraiser 10 July 2026
Yr 6 Leaver's Mass 16 July 2026



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GEOGRAPHY

Explore 'The Field of Cloth of Gold' event.

- Understand the names and significance of **latitude, longitude**, and their link to grid referencing.
- Use the **eight points of a compass, four and six-figure grid references, symbols and key** (including the use of **Ordnance Survey** maps) to build their knowledge of the **United Kingdom** and the **wider world**.



ART - Collage

Create Family Coat of Arms by:

- Develop **visual** and **tactile** qualities.
- Experiment** with **techniques** that use **contrasting textures, colours and patterns**.
- Combine **pattern, tone and shape**.
- Add **collage** to a **painted or printed background**.
- Make independent artistic choices based on skills previously taught by applying experience of different **materials** and a variety of techniques to
- communicate ideas.
- Be proficient in **cutting and sticking techniques**.



P.E.

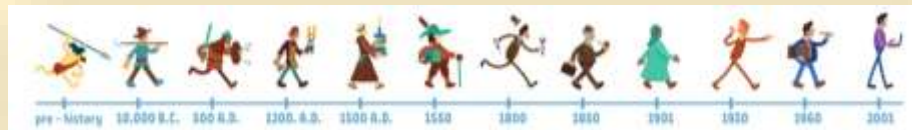
- Key Skills**
- To be aware of key **placement/use** of their **body parts and equipment**, in a range of activities including **throwing and catching**.
- To know where their focus should be during key **movement** activities.
- Athletics**
- To know how to use a variety of **running/jumping and throwing activities** that require different **skills/approaches/equipment**, with increasing accuracy.
- Outdoor and Adventurous**
- To know how to follow instructions/directions
- To know how to work as a team.
- To take part in outdoor and adventurous activity challenges both individually and as a team.



Please remember **No Jewellery** during P.E. lessons.

HISTORY – Tudor Monarchs

- Can place an increasing number and range of local and world events on a timeline including both **AD and BC dates** producing increasingly accurate intervals. (**chronological**)
- Compare all historical periods learnt up to Year 6, identifying similarities and differences between them. Identify theme/aspects over time e.g. **weapons/warfare**
- Accurately use more words related to history in general e.g. empire, parliament, timeline, chronological, source, monarch, treason Compare at least two sources of information for one event (a range of formats).
- Organise information purposefully when responding to or asking questions.



D.T. – create a scented book mark

- Select from and use a wider range of tools and equipment to perform practical tasks for cutting, joining and finishing, accurately e.g. **scissors, split pins/fasteners, needles, cross stitch, thread, back stitch, running stitch, knotting**.
- Select from and use a wider **range of materials and components**, including **textiles** according to their functional properties and aesthetic qualities. e.g. **felt, ribbon, fabrics and threads**.



SCAN HERE FOR A DEMO VIDEO OF CROSS STITCH!

- Evaluate and improve their ideas (e.g. plans and final products) against criteria and consider the views of others to improve their work.

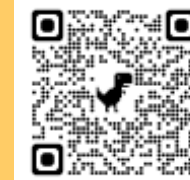


SATs 2026

Mock SATs Week 27 April – 30 April 2026

SATs Week 11 – 14 May 2026

During SATs Week we will be running a **Breakfast Club from 8:00am** in order to give the children a settled start to each day. These websites have a wealth of resources to help your child revise for these assessments.



Reading Plus

Rollama