

**CURRICULUM MAP
YEAR 4**

SUMMER TERM

**Crime and
Punishment**

Science

National Curriculum ref:

Summer 1: Electricity and Circuits

- identify common appliances that run on electricity
- construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers
- identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery

Milestone ref:

- Identify common appliances that run on electricity.
- Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers.
- Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery.
- Create series and parallel circuits

Working scientifically:

Use straightforward, scientific evidence to answer questions or to support their findings.

Skills Focus:

Understanding of common appliances and where energy comes from
Compare renewable and non-renewable energy?
Constructing a simple circuit.
Draw representations of circuits.

English

Content:

Narrative

Story With A Theme (4 weeks)

Non-fiction

Discussion (2 weeks)

Explanation (2 weeks)

Poetry

Free Verse Poetry (2 weeks)

Poetry Appreciation (1 week)

Whole School:

Take One Book (1 week)

Milestone ref:

- Use the perfect form of verbs to mark relationships of time and cause.
- Sequence paragraphs.
- Extending the range of sentences with more than one clause by using a wider range of conjunctions, including when, if, because, although.
- Using the present perfect form of verbs in contrast to the past tense.
- Choosing nouns or pronouns appropriately for clarity and cohesion and to avoid repetition.
- Using fronted adverbials.

Science

National Curriculum ref:

Summer 2: Electricity and Circuits

- recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit
- recognise some common conductors and insulators, and associate metals with being good conductors.

Milestone ref:

- Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit.
- Recognise some common conductors and insulators, and associate metals with being good conductors.
- Create series and parallel circuits

Working Scientifically:

Set up simple, practical enquiries and comparative and fair tests.

Use results to draw simple conclusions and suggest improvements, new questions and predictions for setting up further tests.

Skills Focus

Investigate the difference between parallel and series circuits?
investigate that some materials can and some cannot be used to connect across a gap in a circuit (conductors and insulators)
Create own switch
Create own steady hand game using a simple series circuit and their switch.

History – Crime and Punishment

Theme Link

Understanding the lives of people from the past compared to life today.

National Curriculum ref:

A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066.

Milestone ref:

- Suggest causes and consequences of some of the main events and changes in history.
- Compare some of the times studied with those of other areas of interest around the world.
- Describe the characteristic features of the past, including ideas, beliefs, attitudes and experiences of men, women and children.
- Understand the concept of change over time, representing this, along with evidence, on a time line.

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Geography – Study of A European Country

Theme link:

Understanding our location within Europe.

Content:

Locate the world's countries, using maps to focus on Europe (including the location of Russia), concentrating on environmental regions, key physical and human characteristics, countries and major cities. Understand geographical similarities and differences through the study of human and physical geography of a region in a European country

Milestone ref:

- Name and locate the countries of Europe and identify their main physical and human characteristics.
- Describe geographical similarities and differences between countries.
- Ask and answer geographical questions about the physical and human characteristics of a location.
- Explain own views about locations, giving reasons.
- Use maps, atlases, globes and digital/computer mapping to locate countries and describe features.

Computing

Theme link:

Understanding the responsibilities of staying safe online. Understanding the use of programming and gaming

Herts ICT Scheme ref:

Programming and gaming: Children explore simulations, explaining how these are structured and some of the programming needed. They decompose tasks and create and debug algorithms to solve them, understanding how algorithms support the programming process. They write programs to achieve specific objectives, understanding and using sequence, selection and repetition. They test, debug and refine their programs

Content:

- Understand how online services work.
- Understand the use of programming and gaming
- Understand the terms programme, programming language, algorithm and bug.

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Music

Theme link:

Creating our own compositions and thinking through our own performances.

Content:

Develop the ability to create, perform and analyse short descriptive compositions that combine sounds, movements and words.

Milestone ref:

To describe music:

- Use the terms: duration, timbre, pitch, beat, tempo, texture and use of silence to describe music.

To perform:

- Show control of voice.
- Maintain a simple part within a group.

To transcribe:

- Devise non-standard symbols to indicate when to play and rest.

To compose:

- Use sound to create abstract effects.
- Choose, order, combine and control sounds to create an effect.

ART - Portraits

Theme link:

Exploring self portraits - creating art that represents themselves using drawing with a focus on 'mugshots'.

Content:

Pupils will learn how to draw realistic portraits of themselves, focusing on the proportion of facial features.

Milestone ref:

- Use different hardnesses of pencils to show line, tone and texture.
- Annotate sketches to explain and elaborate ideas.
- Sketch lightly (no need to use a rubber to correct mistakes).
- Use shading to show light and shadow.
- Use hatching and cross hatching to show tone and texture.

R.E.

Theme link:

Special Books – Exploring our own special books both religious and non-religious.

Content:

- How the special books and texts for Christians, Sikhs and Hindus are regarded and handled.
- How the Bhagavad Gita helps Hindus in their daily lives.
- What can be learnt from sacred Hindu stories.

Herts RE Scheme ref:

AT1 (Level 3)

- Demonstrate some knowledge of the function of objects/places/people within religious practices and lifestyles.

AT2 (Level 3)

- Explain how common/shared beliefs of what is right and wrong affect behaviour.

AT2 (Level 3)

- Recognise what influences them in their lives. Identify the influence religion has on lives, cultures and communities including their own.

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PSCHE

Scheme of Work Theme:

Healthy Bodies, Healthy Mind and Ready, Steady, Go.
Children will also look at rules and how these are important within everyday life.

Content:

- This unit explores coping with feelings, such as stress and anxiety. Children learn about the effects of smoking, risk and the importance of making healthy choices.
- This unit explores change, where and how to get help, e.g. when playing outdoors, as well as e-safety and keeping personal information safe.

Milestones ref:

- Try new things when encouraged.
- Focus on activities.
- Show a willingness to overcome fears.
- Push past fears and reflect upon the emotions felt afterwards.
- Begin to take encouragement and advice from others.
- Begin to enjoy having new ideas.
- Show some enthusiasm for the ideas of others.
- Ask some questions in order to develop ideas.
- Show enjoyment in trying out some ideas.

P.E. - Swimming

Theme link:

Children learn about personal around water.

Content:

Children continue with lessons from Year 3 at Tring Secondary School.

Milestone ref:

- Swim between 25 and 50 metres unaided.
- Use more than one stroke and coordinate breathing as appropriate for the stroke being used.
- Coordinate leg and arm movements.
- Swim at the surface and below the water.

Design and Technology

Theme link:

Linked to Geography them of our place within Europe.

Content:

Children will prepare, cook and evaluate a European dish.

Milestone ref:

- Prepare ingredients hygienically using appropriate utensils.
- Measure ingredients to the nearest gram accurately.
- Follow a recipe.
- Assemble or cook ingredients (controlling the temperature of the oven or hob, if cooking).