

Autumn Term - Year 6



**Stocksbridge
Junior School**

English

We will begin the year focusing on developing our **transcription skills** to develop our writing confidence, accuracy and independence.

Writing

- Writing to inform: non-chronological report linked to Victorian children's jobs.
- Writing to recount: diary linked to Street Child by Berlie Doherty.
- Writing a letter: linked to The Nowhere Emporium.

SPaG

Spelling, punctuation and grammar skills, including:

- Develop knowledge of word classes.
- Use verb tenses consistently and correctly throughout their writing.
- Use subordinating and co-ordinating conjunctions.
- Use fronted adverbials to start sentences.
- Use Y6 punctuation correctly and consistently.

Class Reader

Street Child by Berlie Doherty



Reading

Using extracts to develop reading skills:

To summarise the main ideas of a text

To draw inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence.

To effectively make predictions and discuss how characters change and develop through texts.

To identify how language, structure and presentation contribute to meaning.

To discuss and evaluate how authors use language, including figurative language and consider the impact on the reader.

Novel Study – The Nowhere Emporium
by Ross Mackenzie

Mathematics

- Place value of whole numbers and decimals.
- Rounding to a required degree of accuracy.
- Negative numbers in context.
- Efficient methods for addition, subtraction, multiplication and division.
- Problem-solving using the four operations.
- Factors, multiples and prime numbers.
- Equivalent fractions, simplifying fractions, comparing and ordering fractions.
- Adding, subtracting, multiplying and dividing fractions.
- Converting between units of measurement (metric and imperial).

Geography

Why does population change?

We will examine global population patterns by investigating why some places are more densely populated than others.

- How is the global population changing?
- What are birth and death rates?
- Why do people migrate?
- How is climate change impacting the population?
- How is population impacting our environment?

Science

Electricity

- How do we use electricity?
- Where do we get electricity from?
- What is a series circuit?
- How do we use circuit diagrams to represent circuits?
- How can we change circuits?
- How will I use my knowledge to design a child's night light?

Living things in their Habitats

- How can we arrange organisms into groups?
- What is classification?
- How can we classify vertebrates?
- How can we classify invertebrates?
- How can we classify plants?
- What are microorganisms?

History

The Victorians

- Life as a child during Victorian times.
- Causes and consequences of the Industrial Revolution.
- Comparing and contrasting Victorian and modern schools.
- Local History – a significant Victorian (Samuel Fox).
- Impact of Victorian inventions.

PSHE

My Healthy Self

- Why do healthy teeth matter for the future?
- How can I eat for a healthier future?
- What habits might support my future health?
- How can I recognise and regulate complex feelings?
- How does my mindset affect my personal growth?
- How can I support self-esteem for myself and others?

Connecting with others

- How does self-respect help me?
- How can I be respectful in different situations?
- How can I set and respect boundaries?
- How can we challenge unfairness?
- How should we work together to stop bullying?
- When and how should I seek help?

Religious Education

Creation and Science: conflicting or complementary?

- What might many Christians see as important in Genesis 1?
- What relationship do scientists have with religious worldviews?
- How and why do some Christians see both science and religion as important?
- What are some different Christian views about the relationship between science and religion?

How can following God bring freedom and justice?

- What can we learn about the story of the Exodus in the Bible?
- Where do we think the Exodus story shows Moses' trust in God?
- How might the Exodus story help Christians when life gets tough?
- What do we think about the importance of the Ten Commandments?
- How do many Christians try to bring freedom and justice in today's world?

Art & Design

Craft & Design

- Create an effective photomontage advertising poster.
- Apply an understanding of abstract art through photography.
- Demonstrate an understanding of design choices using digital photography techniques.
- Apply an understanding of photography to design and recreate a famous painting.
- Demonstrate observation and proportion to create art in a photorealistic style.

Physical Education

Athletics

- To develop sprinting and jumping techniques.
- To develop long distance running and relay strategies.

Basketball

- To develop dribbling and passing skills.
- To develop passing on the move.
- To improve shooting skills.

Gymnastics

- To perform complex rolls.
- To use linking movements between rolls.

Football

- To identify the key points of a skill.
- To explain why skills are done that way.

Design & Technology

Electrical Systems: Wobble Bots

- Investigate motors by creating circuits.
- Make a motorised product and test its function.
- Apply knowledge of circuits to experiment with product design.
- Design a motorised product for a specific purpose.
- Making and evaluate the effectiveness of a motorised product.

Computing

Skills Showcase – Inventing a Product

- Writing increasingly complex algorithms.
- Debugging effectively to make a program more efficient.
- Remixing existing code to explore a problem.
- Creating and editing videos, adding multiple elements.
- Using design software Tinkercad to design a product.

Data Handling

- Identifying how barcodes and QR codes work.
- Know how infrared waves transmit data.
- Recognise how RFID is used.
- To input, analyse and evaluate data.

Music

Film Music

- Appraise different musical features in a variety of film contexts.
- Identify and understand some composing techniques in film music.
- Use graphic scores to interpret different emotions in film music.
- Create and notate musical ideas and relate them to film music.
- Play a sequence of musical ideas to convey emotion.

French

School

- Recognise and say the vocabulary for school subjects.
- Say what subjects they like and dislike at school.
- Say what time they study certain subjects at school.

Healthy Lifestyle

- Know the names for healthy food and drinks.
- Recall some key phrases for healthy and unhealthy eating habits.