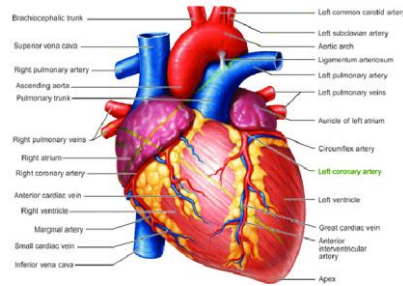


## Spring One: Spectacular Science!

### Exciting Events:

- Circulatory system investigation.
- Creating a Highwayman court scene.
- Creating our own creature.



## English

**We will be learning to (click [here](#) for further info):**

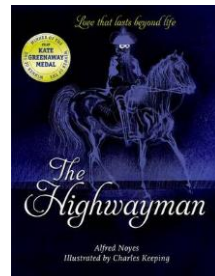
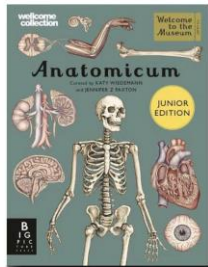
- use adverbials to link ideas across paragraphs.
- use a range of adverbs to help our writing flow.
- spell year 6 statutory words, a range of homophones and words that use ‘-ough’ in them.
- retrieve information and interpret a range of questions about a text.

**We will be writing:** explanation texts and persuasive writing.

### Key texts

Anatomicum –  
Jennifer Paxton

The Highwayman  
Alfred Noyes



## Year 6 Spring Term One Overview

This term we are immersing ourselves in Science. Our journey will take us through one of the most vital systems in the human body. Our work in Science will influence the writing that we complete in English as we explain the systems in the human body. In Maths, we will be challenging ourselves with the world of fractions.

## Mathematics

**Key concepts: Calculating with Fractions. Click [here](#) for more info. Our main objectives this term:**

- Adding with fractions
- Subtracting with fractions
- Adding and subtracting mixed number fractions.
- Multiply and divide fractions.

## Science

**We will be learning to (click [here](#) for further info):**

- 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 bodies function
- describe the ways in which nutrients and water are transported within animals, including humans.

## Physical Education

**We will be learning to (Click [here](#) for more info): HRE and Hockey.**

- Develop an understanding of hockey.
- Develop accuracy and control with passes.
- Understand how the body gets more efficient with more exercise.
- Create circuits that will improve aerobic and anaerobic fitness.

## Art

**Featured artist (Click [here](#) for more info):**

A patchwork inspired by microorganisms and the work of Maggie Leninger.

- Mix textures (rough and smooth, plain and patterned).
- Combine visual and tactile qualities.
- Show precision in techniques



## Computing

**This term will be looking at (Click [here](#) for more info):**

**Sphereos – Coding and programming:**



- Learn to make a Sphero move.
- Code a Sphero to change colour.
- Make a Sphero move through a channel.

## Music

**We will be learning to: Dynamics, pitch and texture.**

- Change dynamics and pitch, differentiating between the two.
- Take the role of conductor or follow a conductor.
- Change texture within their group improvisation and talk about its effect..
- Follow the conductor to show changes in pitch, dynamics and texture.

## Personal Development

**We will be learning to (Click [here](#) for more info):**

- Keeping safe in a range of situations.
- Accept that our actions require a respectful, responsible manner.

## Religious Education

**Key question: Why is it better to be there in person?**

- identify the common themes of both religious and non-religious gatherings.
- Suggest reasons people might attend such events.
- Explain the importance of place, people and practice in the context of gatherings.

## Design and Technology

**We will be learning (Click [here](#) for more info): Gears**

- Use ICT to identify, describe and evaluate products that contain gears.
- Explore and explain how gears work through the use of gear kits.
- Explore how the number of teeth on a gear affects the speed of a vehicle.

## French

**Focus: Greetings**

- I can use an appropriate greeting.
- I can introduce myself.
- I can find out someone else's name.
- I can use the correct pronunciation.