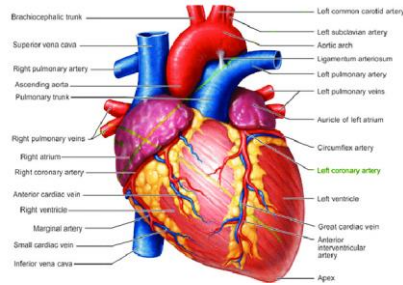


Spring Two: Spectacular Science!

Exciting Events:

- Science Landing Day.
- Circulatory system investigation.
- Mock SATs.



English

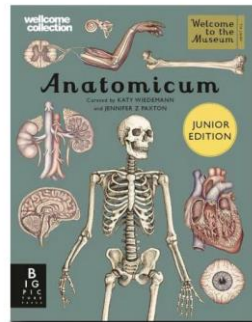
We will be learning to (click [here](#) for further info):

- Change a passive sentence to an active sentence.
- Choose to use passive voice for effect.
- Use the subjunctive form.

We will be writing: A explanation text about the circulatory system and an explanation text about our created beast.

Key texts

Anatomicum – Jennifer Paxton



Year 6 Spring Term Two Overview

This term we are immersing ourselves in Science. Our journey will take us through the theories of how humans have evolved through centuries of adaptation.

Mathematics

Key concepts: Percentages of amounts, Ratio, Converting Units of Measurement and Algebra. Click [here](#) for more info. Our main objectives this term:

- Calculate percentages of amounts.
- Convert between units of measurement.
- Calculate the area of shapes (both compound and regular) and the volume of 3D shapes.
- Understand basic algebra.

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): Tennis and HRE.

- Develop an understanding of the rules of tennis.
- Develop rallying skills in tennis.
- Understand how exercise has a positive effect on the body and our health.

Computing

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

Sphereos – Coding and programming:



- Learn to make a Sphero move.
- Create animations.
- Program a sphero to react to certain conditions.

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

Music

We will be learning to: Kapow – Composing.

- Change dynamics and pitch,
- Take the role of conductor or follow a conductor.
- Change texture within their group improvisation and talk about its effect.

Personal Development

We will be learning to: Safety and the changing body.

- Understand the dangers of alcohol.
- Check the reliability of online information.
- Know the changes the body goes through during puberty,
- Understand the human life cycle.

Religious Education

Key question: Why is there suffering?

- Make links between the creation story in Genesis and the concept of suffering.
- Suggest some ideas as to why suffering exists in the world.

Design and Technology

We will be learning: 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

Theme: Numbers and Age.

- Respond to numbers by showing fingers or on whiteboards.
- Ask and answer a question about their age.
- Change their answers and recognise number words.