

**Inspire**  
How does our heart work?

**Discover**  
What does our heart look like? Let's investigate.

**Thrive**  
To lay foundations which lead to a full and active lifestyle into adulthood

### Literacy (including reading)

Intent: listen to and retell a traditional tale.

- We will be writing double page spreads based on the Colour Monster where colours are linked to feelings. This piece of writing will be written in the 1<sup>st</sup> person as written from the Colour Monster's perspective.
- We will be listening to a poem called Today I feel before performing to an audience.
- We will be retelling a traditional story that contains a twist. The Wolf's story will be used as the stimulus.
- Finally, we will be writing a character description based on a character from our class read, Pig heart boy.

During the term, we will be focusing on word classes, active and passive voice, fronted adverbials, and punctuating speech.

Key vocabulary: retell, role play, listen, capital letters, full stops.

Impact: we will retell our own story of the Wolf's story to an audience.

### Maths

Intent: Numbers to 10,000,000

#### Place Value

Year 5/Year 6:

- Numbers to 1,000,000/10,000,000
- Read, write, order and compare numbers.
- Rounding
- Roman Numerals
- Using negative numbers
- Count forwards and backwards in powers of ten.

#### Addition and Subtraction

Year 5/Year 6:

- Consolidation of written methods for addition and subtraction before putting this into context.

Children will also be focusing on their fluency, reasoning and problem solving whilst using 'Times Table Rock Stars' to boost times table recall.

Key vocabulary: number, numeral, digit, place value, tens, ones, more, less, equal to, addition and subtraction.

Impact: we will be able to count in powers of ten, recognise the make-up of number and understand that place value charts follow repeating patterns.

### R.E.

Intent: explore: what Jesus would do. (Gospel).

This investigation enables us to learn in depth from Christianity, considering in a detailed way some teachings of Jesus and the ways they are applied today.

- We will Examine Luke 4:18–19 and find out what Jesus saw as his mission.
- We will use some of Jesus' stories, teachings and example to understand what Christians believe he meant by loving others.
- We will use some of Jesus' stories, teachings and example to understand why he saw forgiveness as so important
- We will use some of Jesus' stories, teaching and examples to understand the way Christians believe we should treat each other
- We will : use some of Jesus' stories, teaching and examples to understand the way Christians believe we should handle wealth

Key vocabulary: Christian, belief, Pentecost, teach, differences, learn.

Impact: understand what Christians believe Jesus would do.

### Science

Intent: to understand the function of the circulatory system and how blood is transported around the body.

- To identify and name the parts of the human circulatory system, and describe the function of the heart, blood vessels and blood.
- What does the heart look like and what is its role within the body?
- The role of the blood vessels.
- The function of the circulatory system.
- Measuring the effectiveness of the circulatory system by looking at the effect of exercise on pulse rate.
- What does the blood do?
- The impact of drugs and smoking.

Key vocabulary: blood, circulatory, heart, lungs, blood vessels, veins, arteries, capillaries, oxygen, carbon dioxide.

Impact: children will understand the role and function of the heart, blood vessels and blood.

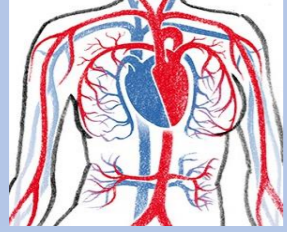
### PSHE

Intent: to understand the impact of our choices and how it affects the people within our local community

- We will plan the forthcoming year.
  - Review what it means to be a good citizen within the local community.
  - Look at rights and responsibilities.
  - We will investigate what it means to have rewards and consequences.
  - We will determine how our behaviour affects different groups.
  - Understand what democracy is and what it means to have a political voice.

Key vocabulary: choices, behaviour, democracy, political, consequences, citizen.

Impact: we will create our own class charter to have for our school year.



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### Computing

Intent: to be able to code and create a program which responds to specific code.

- Children can explain what coding is
- To create a program with an object that repeats actions indefinitely.
- To create a program that responds to the 'if' command or the 'if/else' command
- To understand what a variable is in programming.
- To go through the design, code, execute, refine process.

Key vocabulary: coding, program, action, if, else, variable, execute.

Impact: we can explain how programs simulate physical systems and can successfully create their own program to meet a design brief relating to a physical system.

### History

Intent: to present a case study of a famous person detailing their historical legacy.

- Children to research William Harvey and what he did.
- Children to complete research into his life and work to produce an information text all about him.
- Children to demonstrate how his work changed medicine significantly.

Key vocabulary: medicine, physician, discovery, function, circulation, blood, heart.

Impact: we will know what William Harvey did for British medicine and the impact this had.

### D.T. Food

Intent: to understand the individual role of nutrients upon the body and to design a healthy savoury snack.

- We will use our learning about London monuments and explore what shapes they are.
- We will experiment with different materials to create models of the monuments.
- We will then build structures, exploring how they can be made stronger, stiffer and more stable.
- Then, we will construct our final, simple structure/model using a range of materials.

Key vocabulary: nutrients, fats, protein, carbohydrate, vitamins, minerals, healthy, food.

Impact: we will know about nutrients and how to design a balanced meal considering the effects of excess nutrients on the body.

### P.E

Intent: to be able to see the effect exercise has on the body.

- Develop children's knowledge of how the food & drink we consume affects our body
- Develop children's ability to exercise at different intensities
- Develop children's ability to utilise K+U of the body to improve their peer's fitness
- Provide opportunities for children to experience activities which will develop the components of fitness.

Key vocabulary: pulse, stamina, endurance, flexibility, strength, pace, exercise, heart health.

Impact: we will apply our learning to different exercises and understand why remaining healthy is important.

### Music

Intent: listen to and explore songs that celebrate South African music.

- This half-term our learning is focused around the song: Livin On A Prayer by Jon Bon Jovi
- We will listen and appraise different songs that fall under the soft rock category.
- We will listen to and learn the song through different games, exploring the pulse and rhythm.
- We will sing the song before playing some instrumental parts.
- We will learn to sing and improvise using voices and instruments when performing to each other.

Key vocabulary: rhythm, chord, sing, chorus, instrumental, timing.

Impact: perform a song we have learnt with our own improvisations.