

Knowledge Outcomes:

- Know the main parts of the human circulatory system and identify the heart, blood, arteries, veins and capillaries, explaining the function of each.
- Know that the heart is a muscular organ that pumps oxygenated blood around the body and deoxygenated blood to the lungs through a double circulatory system.
- Know that nutrients, water and oxygen are transported in the blood
- Know that a healthy lifestyle, including a balanced diet, regular exercise, sufficient sleep and avoiding harmful substances such as tobacco, alcohol and some drugs, helps the circulatory system to function effectively.
- Know that the body regulates temperature through the circulatory system in extreme conditions, including widening blood vessels and sweating in heat and narrowing blood vessels and shivering in cold to conserve heat.
- Know that in extreme conditions the body prioritises vital organs, meaning blood flow is reduced to extremities such as fingers, toes, hands and feet to maintain core temperature and survival, which can cause these areas to feel cold or numb.

Personal, Social and Emotional Development

PSHE: Relationships

How do friendships change as we grow?

To compare the features of a healthy and unhealthy friendship
To know about shared responsibility if someone is put under pressure to do something dangerous and something goes wrong
To know strategies to respond to pressure from friends including online and to know how to assess the risk of different online 'challenges' and 'dares'
To understand how friendships may change as they grow and how to manage this.
To understand how growing up and becoming more independent comes with increased opportunities and responsibilities within friendships

R.E.: Islam

What is the best way for a Muslim to show commitment to God?
Understand how Muslims show commitment to God in the ways that they do and how this might impact on their lives
Know the 5 pillars of Islam
Understand the importance of prayer in the Islamic faith
To reflect on the levels of commitment I show in my own life – person and thing

AUTUMN TERM 1 Objectives: Year 6

I'm a Survivor Science

Understanding of the World

Science: Animals including humans

To identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood
To recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function
To describe the ways in which nutrients and water are transported within animals, including humans.

Computing: I Safe

Know how to create secure passwords that recognise that these should never be shared
Understand security settings including screen locks, two factor verification and privacy settings
Identify examples of harassment and bullying online and know how to respond, if you experience these
Understand what it means to be a bystander or an upstander on line – know that being an upstander is a choice

Strength Lies in Difference

To understand the impact of black and Asian leaders during a time of racial tension
To understand the significance of the first Asian MP or the first Muslim MP and why it is important to both acknowledge and celebrate their achievements
To understand that there are prejudicial views towards leaders

Physical Development

Tag Rugby

To evade and tag opponents.
To pass and receive a pass at speed.
To pass and receive a pass at speed in a game situation.
To run at speed and change direction at speed.
To refine attacking and defending skills.
To develop tactics as a team.
Apply learned skills in a game of tag rugby.
Challenge: Select and apply different movement skills to lose a defender.

Expressive Art and Design

Art: Drawing

To use and apply a variety of drawing tools and techniques.
To use shading techniques to create effects – shadows, reflection.
To depict movement and perspective in drawings.

Music: (Steps 1 and 2)

To begin to understand the construction of a 6/8 time signature
To maintain a steady beat and pulse in a steady 6/8 time signature
To recognise the duration of quavers, crotchets and triplets
To identify features of and to identify a rap
To perform a poem that includes suitable timbres, layers of rhythm and expression

Languages

Everyday Life

To revisit extended feelings from Y5 – I'm ...
To recall language to be able to explain my simple opinions about school subjects.
To revisit and recall numbers to 60
To understand and say several o'clock times.
Say and write a sequence of daily routine phrases.

English / Mathematics

Please see termly objectives on the Success and Challenge cards