

DESIGN AND TECHNOLOGY

To follow a basic recipe to make heart healthy food
To design our own savoury recipe improvising on a basic given recipe.
To evaluate our newly designed recipe with our peers and consider what we might do differently if we made the recipe again.
To group ingredients into the 5 main food groups
To research and design a balanced and nutritious 'happy heart' meal

ART - Sketching Still Life

To explore tonal values and the effect of light on a sphere
To explore how light falls when drawing a range of objects
To explore Famous portraits e.g. Vermeer girl with the pearl earring and the effect of light on people's faces in drawing.
To explore light sources in a painting
To use cross hatching and other different pencil marks to create light and shade-use wet pencils and charcoal also
To explore perspective in a drawing

PE - Health Related Fitness and Tag Rugby

To know how aerobic fitness, flexibility and strength affects our body

To know how to warm up and cool down

To choose and implement range of strategies and tactics to attack and defend

To combine and perform more complex skills at speed

MATHS

Division
Fractions: Equivalence and Simplifying, +/÷/×/÷ fractions
Order of Operations
Factors, multiples, prime and square numbers
Geometry (Position and Direction) Co-ordinates

Blood Heart– Science Focused Topic

This project teaches children about the human circulatory system and heart health, developing their knowledge about the workings of the heart.



SCIENCE - Animals including humans

To name the main parts of the human circulatory system
To describe the main functions of the heart, blood vessels and blood
To know how diet, exercise, drugs and lifestyle can impact on the way our bodies function
To explain how to keep healthy

ENGLISH

To write an explanation text about the heart
To write an adventure story

We are Reading: Clockwork by Philip Pullman

To continue to develop and secure:

- Retrieval: locating answers in text
- Inference: using clues in the text to explain our impression of character, action and plot
- Vocabulary: explain meaning of words in context of sentences
- Authorial Intent: explain why the author has chosen particular words and phrases
- Summarising and Predicting



ICT: To use the internet to research and retrieve key facts about the heart and healthy lifestyle effectively and safely

Computing: Programming

Sensing Movement - design and make a step counter

To design a project that uses inputs and outputs on a micro-bit
To develop a program to use inputs and outputs on a micro-bit

MUSIC: Classroom Jazz (2)

To know the pulse, rhythm, pitch, tempo, dynamics, texture
To structure work together to make a song sound interesting
To be able to keep the internal pulse
To read and use notes C, D, E, F, G, A, B + C when using the Glocks
To create musical ideas for others to copy

RE

FINISH: Topic 2: Vocation and Commitment - The vocation of priesthood and religious life (2 weeks)

To know and understand commitment in life

To know and understand the vocation to the priesthood and religious life

Topic 3: Expectations: Jesus born to show God to the world (4 weeks)

To know and understand the meaning of expectation

To know that Advent is a time of joyful expectation of Christmas, the Word becoming a human person, Jesus

RHE

Unit 2: Me, My Body, My Health

To know:

- similarities and differences between people arise as they grow and mature, and that by living and working together ('teamwork') we create community
- Self-confidence arises from being loved by God (not status, etc)
- That human beings are different to other animals
- About the unique growth and development of humans, and the changes that girls and boys will experience during puberty
- About the need to respect their bodies as a gift from God to be looked after well, and treated appropriately
- The need for modesty and appropriate boundaries
- How to make good choices that have an impact on their health

Unit 3: Emotional Well-Being

To know:

- That images in the media do not always reflect reality and can affect how people feel about themselves
- That thankfulness builds resilience against feelings of envy, inadequacy, etc. and against pressure from peers or media
- A deeper understanding of the range and intensity of their feelings
- That some behaviour is wrong, unacceptable, unhealthy or risky
- That emotions change as they grow up (including hormonal effects)
- About emotional well-being and that openness with trusted parents/carers/teachers when worried ensures healthy well-being
- The difference between harmful and harmless videos and images