Caldecote Primary School
Happy, Healthy, High-Achieving

Silver Class Autumn 1: Blood & Heart

English

Non-fiction
Explanation text
Formal Letter
Narrative - Flashback

Fiction
Science Fiction

Reading
Fiction text: Pig Heart Boy, Night Mail,Tthe Fountain
Non-fiction text: A day in the life of a cardiologist, Ruby Bridges

Maths

Number and Place Value – Including Decimals
Reading, write, order and compare numbers up to 10,000,000
Rounding whole numbers and decimals

Four Operations
Formally written methods for long multiplication and division
Perform mental calculations including mixed operations
Identify common factors, common multiples and prime numbers
Solve addition and subtraction multi-step problems

Science

Animals including humans

- 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.

Geography

Surveying our village – what could you make to the parish council in relation to what you find out?

Carry out fieldwork to observe, measure, record and present the human and physical features.

Computing

- Online safety
- Computing systems and networks
- Online communication and collaboration

PSHE

How can we keep healthy as we grow?

- Looking after both our physical and mental health
- Recognising early signs of physical or mental ill-health
- How to maintain good dental health
- Managing the influence of friends and family on health choices
- Taking more responsibility

Event/Visit/Experience

Dissection of pigs'/ lambs' hearts

RE

What does it mean to be a Buddhist?

- Siddhartha Gautama
- Enlightenment
- Four noble truths
- Eightfold Path

PE

Gymnastics: Body symmetry

Physical changes: Circuits

Character Education

Vote in school election
Apply and commit to a job within school

Music

- Dynamics, pitch and texture
- Discussion orchestral pieces
- Take the role of a conductor
- Create a graphic score

Art

What mistakes can artists make when drawing faces?

Use techniques to confidently use line, shape and value to create their own artwork.
Use pencils and ballpoint pens to explore shading, blending, and mark-making, and will develop proficiency in controlling and selecting appropriate tools.