

## St Scholastica - Autumn 2 - Blood Heart

### Writing:

- Non-chronological reports - Informal/2<sup>nd</sup> person
- Shape poetry
- Persuasive writing - Anti-smoking
- Biography
- Narrative using personification



### PE:

- Cross Country - Running style, running distance, technique, pace, fitness
- Netball - Passing, shooting, pivoting, movement, finding space, court awareness, matches.

### Maths:

- Properties of numbers - Prime, factors, multiples, greatest common factor, lowest common multiple, prime factorization, BIDMAS, square and cube numbers
- Fractions - Common denominator, add and subtract, multiply and divide
- Decimals - Multiply and divide by 10, 100 and 1000, multiply and divide
- Percentages - Equivalent fractions, decimals and %, find % of a number, word problems

### Memorable Experience - Source

some pig's hearts for groups of children to handle and dissect with adult supervision. Challenge them to identify the external features including the major blood vessels such as the aorta and vena cava.

Work out how blood flows through the heart by using fingers to explore the vessels one at a time and noting which vessel the fingers appear out of!

How do the blood vessels entering and leaving the heart look and feel? How thick and tough are they? Slice the heart carefully to reveal the internal features including the atria, ventricles, valves and the cord-like chordae tendinae, or heart strings.

Take lots of photographs of the heart during dissection, then use the images and experience to create a variety of art work.

### Spelling, Punctuation and Grammar:

- Homophones - Difference between -se and -ce.
- Ambitious adjectives (-ous)
- Determiners
- Modal verbs
- Informal, 2<sup>nd</sup> person, present tense

### RE:

- I can **compare** different people's responses to prayer and **explain** the view of the Catholic Church on prayer.
- I can **explain** my own views on heaven and hell and say what informs my belief.
- I can **explain** why in November Catholics remember those who have died.
- I can **show understanding** of the meaning of prayers used to pray for those who have died.
- Advent.

### Computing:

- Online research.
- Select, use and combine a variety of software.
- Flow diagrams.
- E-safety.