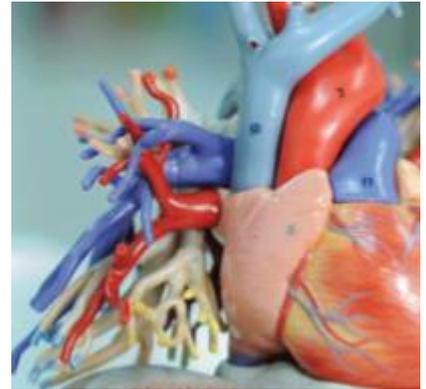




Year 6 Autumn curriculum information –
Blood Heart



Dear Parents/Carers,

Crimson, scarlet, burgundy, cherry... blood flows through our bodies in all its vibrant shades of red. Let's explore our circulation system! Now surgeons, don't be squeamish as we dissect an animal heart and examine the veins, arteries and chambers up close. They all work hard to move blood around our bodies.

Hearts pound, flutter and maybe skip a beat... What makes your heart race? Is it a secret? Cross my heart, I won't tell!

English	<ul style="list-style-type: none"> • Poetry- Free Verse – 1 week • Fiction Genres: - 4 weeks () • Explanation- 3 weeks-Linked to the circulatory system • Recount- 2 weeks- Biography of famous historical figure • Reports- 2 weeks- Presentation for parents on keeping a healthy heart • Class Novel: Pig Heart Boy by Malorie Blackman (2 week- take one book) • <u>Grammar</u>: Link ideas across paragraphs, use of ellipsis, know all the lay out devices, sub headings, bullet points etc.how hyphens can be used to avoid ambiguity • Difference between vocabulary for formal or informal speech, know the difference between synonyms and antonyms, • Using the passive verb • <u>Spelling Rules</u>: <ul style="list-style-type: none"> Endings with cious, tious Word endings which sound like cial, tial, Adding the suffix beginning with vowel letters, words ending in fer Words with silent letters whose presence cannot be predicted Words ending in able and ible Words with the sound spell y ei after a c Set challenging key words
Maths	<ul style="list-style-type: none"> • Place Value • Multiply and Divide by 10, 100 and 1,000 • Choosing Effective Mental Calculation Strategies • Problem Solving with Four Operations Application of Factors, Multiples and Primes • Simplifying Fractions Comparing and Ordering Fractions Adding and Subtracting Fractions • Fraction and Decimal Equivalents Fractions, Decimals and Percentages Calculating Percentages • Formal Written Method of Multiplication • Area • Formal Written Method of Short Division

	<ul style="list-style-type: none"> • Properties of Shape
PE	<ul style="list-style-type: none"> • Gymnastics – Monday • Premier Sports – Thursday
Topic focus: SCIENCE	<p>ENGAGE: Knowing the functions of the heart and the circulatory system. Draw in detail the heart and all its components- describe and explain how it works</p> <p>DEVELOP: -Collect data based on exercise and changes in the heart – explore the changes in pulse rate -Explore the impact of smoking and diet on the heart – understand the impact of blocked blood vessels -Understand how blood carries nutrients around the body -Understand the components of blood and the blood grouping system</p> <p>INNOVATE: -Research and create our own healthy recipes and exercises to keep hearts healthy. -Understand how evolution has made human bodies and animals change over time- what implications do we have for the future- look at heart transplants. Create our own changes.</p> <p>EXPRESS: - Research the British Heart Foundation. -Plan and create a Charity Fun day where the aim is to Assess and Inform parents about the importance of heart health, whilst raising money for the charity.</p>
Computing	<p>We are app planners → Planning the creation of a mobile app</p> <ul style="list-style-type: none"> -Develop an awareness of the capabilities of smartphones and tablets. -Understand geolocation, including GPS. -Identify interesting, solvable problems. -Evaluate competing products. -Pitch a proposal for a smartphone or tablet app.
RE	<p>For our RE curriculum we follow the Come & see scheme of work. We cover a topic about every 4 weeks. Each term we cover 3 topics , therefore covering 1 and a half topics per half term.</p> <p>Judaism week To understand what Rosh Hashanah is and how Jews celebrate To understand the value of atonement for Jews</p> <p>Topic 1- Loving Understanding God’s Love is unconditional I know forgiveness is an essential part of loving</p> <p>Topic 2- Vocation To understand roles in life involve commitment To know that John called others to follow Jesus To know a call to a vocation</p> <p>Topic 3- Expectations I understand Advent as a time of expectation I know the Angelus and the prophets of expectation. I understand that Christ will come again.</p>
Year group events this half term	<p>TBC- Heart dissection- letter to be sent out 6th and 13th - October Buddy Assemblies 7th November- Crucial Crew</p>

	30 th November- Class Mass
Project sharing event	Friday 8 th December- Charity Fundraiser- skipathon

Please remember to ensure your child is reading every day and recording it in their books. They need their books in school EVERY day.

Homework is out Thursday and in on a Tuesday.

Our PE days are Monday and Thursday however PE kits must be in all the time in case needed.

Thank you and I look forward to working with your children over the course of the year.

Miss Scales and Mrs Smith

Please note the information above is subject to change as our learning and year develops and grows.