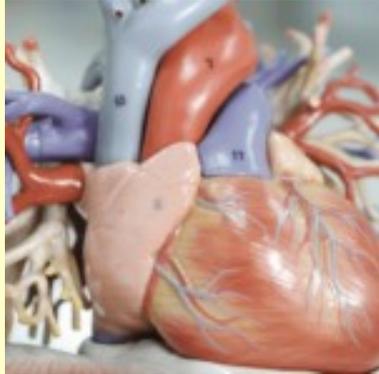


Sedlescombe Church of England Primary School
Topic Overview Year 6 - Term 3

BLOOD HEART



TRIPS AND EVENTS

- 4.1.22– INSET
- 5.1.22– Return to learning
- 12.1.22 and 13.1.22– Parents' Evenings
- 8.2.22– Safer Internet Day

RELIGIOUS EDUCATION

In RE our topic is 'How can a Mosque help us to understand the Muslim Faith?' In our first ever topic on Islam, we will be understanding what Islam is, who follows it, what Muslims believe and the importance of Mosque to Muslims.

PERSONAL, SOCIAL, HEALTH & ECONOMIC EDUCATION

In PSHE our topic focus is 'Dreams and Goals' and we will be exploring the aspirations each of us hold and what we hope to achieve in the future. We will identify what work we need to put in to achieve these goals and how rewarding it is when we make our dreams come true.

P.E. LESSONS

- The children need to have their PE kit in school every day, but it should be taken home each Friday so that it can be kept clean for lessons.
- Jewellery MUST be removed, so if your child has pierced ears they will need a small pot to put their earrings in to keep them safe.
- Long hair should be tied back for school, but MUST be tied back for P.E. Lessons so a spare hair band is useful.

THE BIG IDEA

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. William Harvey was fascinated with anatomy, and made ground breaking discoveries about valves. I wonder what we might uncover? Why do people give blood? Find out how to keep your heart happy with cardiovascular exercise and healthy food. Kick-start a campaign to spread the word about the damage caused by smoking, to the lungs and heart. Hearts pound, flutter and maybe skip a beat. What makes your heart race? Is it a secret? Cross my heart, I won't tell!

In Science we will be:

- Dissecting an animal heart and identifying all of the parts of a heart and their purpose.
- Identifying the parts of the circulatory system.
- Identifying and describing all the major components of blood.
- Researching and developing an understanding of the ABO blood group system.
- Investigating how heart rate accelerates and decelerates under different conditions.
- Finding out how harmful substances such as nicotine and alcohol affect the body.
- Understanding how blood flows.
- Create a scientific fact file all about the heart.
- Devising, planning and completing our investigation: What can your heart rate tell you?

In History we will:

- Researching innovative English physician Dr William Harvey and creating a timeline of his achievements,

In Art we will be:

- Designing and creating accurate models of the heart.
- Exploring contemporary abstract art and then creating our own 'Blood red' art work.

In DT we will be:

- Planning, designing and making a range of heart healthy snacks and drinks.

In Computing we will be:

- Making a flow diagram to demonstrate circulation.

In PE we will be:

- Taking part in a bleep test at the beginning and end of our topic to see how our fitness improves.
- Setting ourselves personal skipping targets to see how much our fitness improves.
- Completing cross country and circuit training activities.

In our Innovate Challenge we will be:

- Deciding how we would like to raise money for the British heart foundation.
- Preparing everything we need and taking lead in a certain area.
- Getting the school ready and running our event to raise money.

ENGLISH



We have some tremendously exciting English learning coming up; for the first time ever, we are having a creepy, ghostly, mysterious unit of English! I am so excited/ scared for my life! I driver text for the unit will be Coraline– a frightening tale of a girl who takes on a fearsome supernatural opponent to rescue her parents. We will be reading the entire story in just 8 days and will then be writing our own ending– how we would wish the story to end! We will then look at a brilliant set of non-fiction recounts called strange but true which will help us write our own information page on strange phenomena. We will end our unit of work with some choice writing linked to The Dark by Lemony Snicket.

MATHS

This term we will:

- Completing our work on Long Division.
- Ordering numbers to three decimals places and multiplying and dividing by 10,100 and 1000.
- Multiplying and dividing decimals by integers.
- Converting decimals to fractions and vice versa.
- Converting percentages to fractions and decimals and identifying equivalence.
- Finding a percentage of an amount.

CALCULATION METHODS

ADDITION	SUBTRACTION	MULTIPLICATION	DIVISION
$\begin{array}{r} 23.361 \\ 9.080 \\ 59.770 \\ + 1.300 \\ \hline 93.511 \\ \hline 212 \end{array}$	$\begin{array}{r} 15.419 \\ - 36.080 \\ \hline 69.339 \end{array}$	$\begin{array}{r} 3652 \\ \times 8 \\ \hline 29216 \\ \hline 541 \end{array}$	$\begin{array}{r} 0812.125 \\ 8 \overline{)6497.000} \\ \hline \end{array}$

CLASS ROUTINES:

HOMWORK:

- Homework is important in every year group but it is especially important in Year 6 as this time next year we will be in Secondary school where we will have homework to complete almost every night!
- Every other week, we will have a piece of homework from our Maths workbook. It will be set in class on a Thursday and we will highlight the pages we need to complete. It needs to be returned by the following Wednesday. If you have any problems, please ask for help on *Tuesday*.
- Times table rockstars and Numbots– This really is the best way of learning tables and number facts so I strongly recommend 5 minutes of each every day.
- Reading is still very important and we expect 4 reads a week. Please make sure your book is signed and in school every Monday.
- Spelling is a real focus for us as a class. You will be given weekly spellings and need to practise these with an adult as much as possible. Spelling Shed is a brilliant way to practise spellings.
- Homework Grid this is optional for all children and will contain creative learning opportunities that the children can complete linked to the class topic.

COMMUNICATION:

- Please encourage your children to speak to me if they should have any concerns. I will be available at the end of school if you wish to speak to me directly.
- In the morning Mrs Harvey or another member of the Senior Leadership Team is available on the school gate if you have a message that you would like to have passed on to me.
- If there is a matter that you need to discuss with me in more detail please make an appointment to discuss this with me. This can be done by speaking to me at the end of the day to make an appointment or by speaking to Mrs. Hardees in the School Office.