

Planned half term	Year 6	Subject focus	Memorable experience	We are reading	English	Geography & History	Art & design	Computing	Mathematics	PE	PSHE
Autumn 2	Blood Heart	Science (Animals, including Humans)	Sheep's Heart Dissection	Clockwork – Philip Pullman  Pig Heart Boy – Marjorie Blackman	Instructions Explanations Fantasy Fiction	n/a this term	Healthy Heart Recipes	Use Internet for research  Using websites	Fractions: Compare and order +/-/x/÷ fractions Simplify fractions  Order of Operations and Brackets	Dance/ Tag Rugby	Keeping Myself Safe – SCARF Unit
Knowledge		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			To write an instruction text on the theme of exercise, e.g. dance instructions, how to play ..., To write a healthy heart recipe To write an explanation text about the heart To use setting to create atmosphere and suspense		To follow recipes to make heart healthy food To group ingredients into the 5 main food groups To design a balanced and nutritious 'happy heart' meal	To research and retrieve key facts about the heart and healthy lifestyle effectively and safely		To work collaboratively to include more compositional ideas To talk about different styles of dance with understanding using appropriate terminology and vocab To compose a street dance performance  To choose and implement range of strategies and tactics to attack and defend To combine and perform more complex skills at speed	To know ways of keeping self safe To know how emotional needs are met and to recognise when they are not met To recognise risky behaviours and act accordingly
Essential Skills		- Heart rates: collect and record data and results of increasing complexity using scientific diagrams and labels and scatter graphs  -research using secondary sources: report and present findings on development of Blood group system  -Investigate how heart rate accelerates: take measurements with increasing accuracy and precision, taking repeat readings when appropriate  -read, spell and pronounce scientific vocabulary linked to topic: heart, ventricle, , atrium, lungs, veins, arteries, aorta  -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.			Identify how language, structure and presentation contribute to meaning.  Write effectively for a range of purposes and audiences, selecting the appropriate form and drawing independently on what he/she has read as models for his/her own writing.  Draft and write by selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning.  Draft and write narratives , describing settings, character and atmosphere  Integrate dialogue to convey character and advance the action  Link ideas within and across paragraphs using a wider range of cohesive device  Use layout devices  Use bullet points to list information  Use semi-colon, colon and dash		-Confidently select appropriate tools, materials, components and techniques and use them.  -Use tools safely and accurately.  - Know how to prepare and cook a variety of predominantly savoury dishes safely and hygienically including, where appropriate, the use of a heat source.  -Understand how to use a range of techniques such as peeling, chopping, slicing, grating, mixing, spreading, kneading and baking.  -Know different food and drink contain different substances – nutrients, water and fibre – that are needed for health  -identify the 5 main food groups	-use search technologies effectively  -talk about the way search results are selected and ranked  -check the reliability of a website  -talk about copyright and acknowledge sources of info that I find on-line		DANCE:  -compose creative and imaginative dance sequences focusing on dynamics, actions and formations  -perform expressively and hold a precise and strong body posture  -Explore space and relationships, use tension and extension to control body  -express an idea in original and imaginative ways  -plan to perform complex moves that combine strength and stamina gained through gymnastic activities  TAG RUGBY:  -Support player with the ball  -Set play for attacking  -Transition from attack to defence  -Apply tackling and defensive tactics  -Use agility and speed  -Communicate with team	To know why emotional needs are as important as physical needs and what might happen if a person doesn't get their emotional needs met.  To explain some ways of keeping myself safe when using a mobile phone, including safety around sharing personal information or images, and that there are laws relating to this  To explain why some people believe that more young people drink alcohol than actually do

