

Y6

SPRING 1

ESSENTIAL KNOWLEDGE AND SKILLS

SCIENCE	- 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
PSHE	- Know how to keep their personal information private online - Explain why there are laws relating to drugs in this country - Describe some of the effects and risks of drinking alcohol
ART AND DESIGN	NONE THIS HALF TERM
COMPUTING	- identify three types of networks (LAN, MAN, WAN), explain how networks are defined and list two network topologies - explain what cloud computing is and provide examples of what cloud computing is used for - list protocols and explain what they are used for and provide an example IP address - identify different types of malware and explain how these can affect a computer network
DESIGN AND TECHNOLOGY	- Measure and calculate ingredients to scale up or down - Following a simple recipe with several elements (baking a cake, making a filling, icing / decorating) - Whisking, using a balloon whisk or handheld mixer - Using heat on a hob, oven and microwave under supervision
GEOGRAPHY	- Identify some countries in North and South America - Describe physical features of an area of the Americas; - Describe the climate of an area of the Americas; - Describe the human geography of an area of North America; - Explain what latitude is; - Identify the equator, tropics and poles on a map
HISTORY	NONE THIS HALF TERM
MFL	- Name different items of clothing - Describe what someone is wearing and the colour of the items of clothing
MUSIC	- Use musical vocab to talk about music from a variety of traditions and cultures - Create accompaniments using chords - Play, improvise and compose using a selection of these notes: C, C#, D, E, F, F#, G, A, Bb, B
PE	Health Related Exercise - Refine life skills such as self-motivation, resilience and self-discipline as they strive to improve their own performances Basketball - Apply a refined understanding of passing, moving and dribbling to score points against another team - Demonstrate resourcefulness and problem-solving skills by creating a range of attacking and defending tactics, applying these to their game.
RE	- Talk about what Christians, believe is eternal life - Reflect on your own beliefs about whether anything is eternal