

ESSENTIAL KNOWLEDGE AND SKILLS

SCIENCE	- Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets. - Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution. - Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating. - Demonstrate that dissolving, mixing and changes of state are reversible changes. - Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible.
PSHE	- Explain the difference between a safe and unsafe secret. - Know what menstruation is and why it happens. - Know the correct words for the external sexual organs. - List some of the ways our body feels when it is nervous or sad.
ART AND DESIGN	NONE THIS HALF TERM
COMPUTING	- Design and create a simple maze game by: designing backdrops and sprites - Understand how Operators blocks work and can use these within their code. - Understand decomposition and can decompose a problem. - Understand simple algorithms by predicting what may happen within their code.
DESIGN AND TECHNOLOGY	- Plan and prepare a meal whilst thinking about its cultural origin - Make a Greek salad - Slice, peel, grate, mix, - Open cans under close supervision
GEOGRAPHY	NONE THIS HALF TERM
HISTORY	- Sequence the key periods of Ancient Greece - Explain the importance of gods and goddesses to the ancient Greeks. - Identify some similarities and differences between Athens and Sparta
MFL	- Name some food items - Say what I want to buy - Say if I like/dislike food items
MUSIC	- Know how to maintain my part whilst others are performing their part - Sing a simple second part of a two-part song with confidence.
PE	Rounders/Athletics - Apply refined fielding skills, (accurate throwing, catching and retrieving skills) will be in order to prevent the batters from scoring - Demonstrate a strong understanding of how to apply the correct technique and why the correct technique is so important. Swimming - Be able to swim at least 25 metres - Use a range of strokes effectively - Perform safe self-rescue in water
RE	- Show an understanding of why people show commitment in different ways. - Describe how different practices enable Sikhs to show their commitment to God and understand that some of these will be more significant to some Sikhs than others. - Express the best way a Sikh could show commitment to God.