



Topic overview – Year 4/5/6 (CYCLE A)

	Summer
Topic name	Feeling hot,hot,hot!
Big question	Are our lives today reflected in the lives of ancient societies?
Memorable experience	Residential visit to Kingswood
Outdoor learning	Light and shadow
Linked books	Journey to the River Sea (continuation) The Chocolate Tree The Rain Player
Reading aims	Retrieving information Making inferences Identifying themes in fiction Persuasive writing - saving the rainforests
Writing aims	Balanced arguments - deforestation Persuasive letters (formal) – linked to above Explanation text - chocolate Reports on Mayan Gods
Speaking & listening aims	Listen to and offer opinions Speak persuasively on a variety of topics Challenge opinions of others
Maths aims	Measurement, including money, time, converting units, volume Statistics Geometry, including position/direction, properties of shape Consolidation/revision of concepts
Science aims	Physics - Light Know how light travels Understand reflections Understand how shadows are formed and what affects the length/position of shadows Ray models of light Know how we see - the human eye and its parts
History aims	Know who the Mayans were, what did we learn from them and what was their civilization like. Celebrate the achievements of the Mayans Study in depth the Indus Valley Make meaningful comparisons between ancient and modern civilizations
Geography aims	Literacy link with rainforests and deforestation <ul style="list-style-type: none"> - Describe the physical geography of Mexico - Study the human geography, including types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water - understand geographical similarities and differences through the study of human and physical geography of the United Kingdom, a region in a Europe, and a region within North America
DT aims	Making clay busts of Queen Elizabeth II for Stapleford Park competition
Art and design aims	Light, tone and shadow - focus on the artists Constable and Cezanne (still art) Use oils, water colours and paper craft to create art in the style of the above artists.
Music aims	No formal music this term – focus on songs for the end-of-year show
Computing aims	Digital Literacy – E-Safety Children will learn to: <ul style="list-style-type: none"> - create a safe online profile. - understand the SMART online rules. (covered in PSHE) Computer Science – coding (whole class will need setting up on the relevant platform) Children will learn to: <ul style="list-style-type: none"> - code for a sprite to perform a range of tasks in maze games and other scenarios - write and debug algorithms - create loops as a means of being succinct with required codes - add effects to enhance different scenarios - program costume changes - add point-scoring and levels.



Summer

PSHE aims	Relationships, both in person and online Puberty Sex and Relationships Education (for Y5/6 only)
PE aims	Athletics: <ul style="list-style-type: none"> - controlling the taking off and landing in a jump - throwing with accuracy - combining running and jumping - following specific event rules
RE aims	What can we learn from religions about deciding what is right or wrong? What would Jesus do? Can we live by the values of Jesus in the 21 st Century?
Foreign language aims	<ul style="list-style-type: none"> - develop accurate pronunciation and intonation so that others understand when they are reading aloud - present ideas and information orally to a range of audiences <p>Classroom objects Days/months/seasons Weather Colours Pets Numbers to 30</p>