

Year 5 Summer Curriculum Map

English

Our first theme is Different Worlds and our key texts are *Alte Zachen* By Ziggy Hanaor and *Anne Frank* By Josephine Poole . Our second theme is Taking Courage and our key texts are *High Rise Mystery* By Sharna Jackson and *Firebird* By Saviour Pirotta and Catherine Hyde . Our writing outcomes will include: character descriptions, flashbacks, diary entries, short autobiographies, dialogue and persuasive letters. Our longer writing outcomes will be an Analytical essay, a newspaper article, an extended narrative and a fairy tale narrative.

Maths

This term we will learn about angles. We will use degrees and classify and estimate angles. We will measure angles up to 180 and draw lines and angles accurately . We will calculate angles around a point and learn about lengths and angles in shapes . In geometry, we will read and plot coordinates and learn about translation with coordinates. We will learn about lines of symmetry and reflection. We will also revise decimals including mutilation and division with them.

Science

We will explore gravity, air resistance and water resistance in more depth and consider the effect of these forces being imbalanced. We will demonstrate key principles in the classroom and plan investigations to further their understanding of the effects of these forces. We will test our ideas using models and compete to build the most effective pulley system. We will also study human development and changes, to identify key stages . We will describe how puberty affects girls and boys and produce graphs to compare how gestation periods vary across different mammals, including humans.

Geography

We will recap biomes with a focus on hot desert biomes and their various characteristics, mapping the largest global deserts. The Mojave Desert is used as a case study to support learning about the physical features of a desert. We will explore how humans use deserts and the environmental threats that can occur in this landscape.

History

We will learn how World War II changed British society and discover the different reasons why Britain went to war in 1939. We will investigate the experiences of families during the Blitz. Using a range of sources, including video and photographs, we will reconstruct the feelings of those living on the home front in World War II and consider how migrants helped the war effort.

Art

Using inspiration of historical monuments and modern installations. We will investigate the built environment through drawing and print-making. We will learn about the work of architect Zaha Hadid, create our own building designs, present research on the artist Hunderwasser and explore ideas behind the symbolism of monument design.

DT

We will programme a navigation tool to produce a multifunctional device for trekkers. Combining 3D virtual objects to form a complete product concept in 3D computer-aided design modelling software.

PE

We will learn to adapt our running style and pace for 60, 200, 400 and 800m races and continue to develop our throwing and catching skills in Tennis. In our games unit, we will be learning about rounders.

Music

We continue our second year of the Wider Opportunities Programme where the children will be learning to play either the recorder or violin. There is a focus on four strands: Behaving Like a Musician; Instrumental technique; Music literacy and Musicianship.

PSHE

We will learn about the physical changes that happen at puberty. We will be talking about positive self-talk and how to manage worries. We will also discuss the importance of discussing feelings with an adult and knowing where to get support for anything that is troubling us. We will talk about change and how to prepare for moving into Year 6 next year.

RE

We will be thinking about the ways beliefs have on actions and specifically asking the questions: Should all creatures be treated equally? As well as, what do religions and worldviews believe about God?

Computing

This half term we will be looking at programming with Sphero Computer Networks and the Internet. We will also be looking at e-book Creation and operating systems