HALLAM FIELDS PRIMARY
Lionheart Educational Trust

Year 6 Summer Term Curriculum Map

MATHS

Position and direction: describe positions on the full coordinate grid (all four quadrants) draw and translate simple shapes on the coordinate plane, and reflect them in the axes.

Properties of shape: draw 2-D shapes using given dimensions and angles, recognise, describe and build simple 3-D shapes, including making nets, compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons, illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius, recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.

HISTORY

Life in Britain after WW2

To know that hardship continued after the war had finished
To know that soldiers from across the British Empire contributed to the war effort
To know about ways that Britain was affected after the war: homes, work, family life, travel and health
To know that the NHS and The Welfare State was established

GEOGRAPHY

Showcase project

To know locations around the world
To know threats to parts of the world
To know how urbanisation/economy impacts their chosen area
To state how reputable fieldwork was conducted to support their findings

Computing

3D modelling

Vector drawings are made of simple shapes and lines
Objects can be moved, resized, rotated and lifted in 3D

Programming: B

A micro:bit is an input, process, output device that can be programmed
Selection can control the flow of a program

ENGLISH

Please find below the core texts we will be using and the text type we will be writing.

Wonder by R.J Palacio- Diary entry, formal letter, narrative
Alma- Narrative retell, police incident report.
Hugo Cabaret-Self-selected piece
Letter to new teacher

Art and Design

3D form

Use a variety of tools and select the most appropriate;

Work in a sustained and independent way from observation, experience and imagination.

Compare & critique ideas, methods and approaches in their own and others' work and say what they think and feel about them

Adapt their work according to their views and describe how they might develop it further.

Design and Technology

Mechanism: CAMS

To design and make a CAMS toy

That products are designed to meet specific purposes and why
That designers use cross-sectional diagrams and produce protypes of their products
Apply their understanding of how to strengthen, stiffen and reinforce more complex structures
Understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages]
understand how key events and individuals in design and technology have helped shape the world
a key event and how design and technology has shaped the world.

MUSIC

Music Technology - children will learn about a wide variety of musical sections and how these can be used to form musical structure.

20th Century Music- pupils will learn the key features of Hip Hop, Minimalism and Wartime (swing) music.

SCIENCE

Light:

Light appears to travel in straight lines, and we see objects when light from them goes into our eyes.
The light may come directly from light sources, but for other objects some light must be reflected from the object into our eyes for the object to be seen.
Objects that block light (are not fully transparent) will cause shadows.
Parts of the eye which help us to see.
Because light travels in straight lines the shape of the shadow will be the same as the outline shape of the object.

Electricity:

Adding more cells or increasing voltage to a complete circuit will make a bulb brighter, a motor spin faster or a buzzer make a louder sound.
Adding more bulbs to a circuit will make each bulb less bright.
Using more motors or buzzers, each motor will spin more slowly and each buzzer will be quieter.
Turning a switch off (open) breaks a circuit so the circuit is not complete and electricity cannot flow - bulbs, motors or buzzers will then turn off as well.
Recognised circuit symbols to draw simple circuit diagrams.

PSHE

What will change as we become more independent?

How will friendship change as we grow?

Know that relationships can look different and that people who are attracted to and love each other can be of any gender or faith.
Know that people can choose to marry or not or enter a civil partnership
Recognise that we need support the rights of LGBTQ+ communities
Know the changes they will go through during puberty and who to speak to for support
Know how to manage changes with friendships and transition to secondary school
know about the word 'permission'

Religious Education

For Christians, what kind of God is Jesus?

Know that Christians want to make the world a better place
That that Jesus came to Earth to shows Christians how to live their lives selflessly
Know some of the qualities of Jesus that Christians admire

How does faith help people when life gets hard?

To know what people believe about God and how they respond to challenges in life (e.g. suffering, bereavement)
To know about how resurrection/ judgement/heaven/karma/reincarnation make a difference to how someone lives

PE

Athletics, Invasion games and Striking and fielding.