

Edward Pauling Primary School

Curriculum Statement - Year 3 Spring

English

Marcy and the Riddle of the Sphinx - Arthur is a world-famous adventurer. If only his daughter Marcy shared his enthusiasm for exploration. Determined to bring out Marcy's adventurous side, Arthur sets off to Egypt to bring back the legendary Book of Thoth. When Arthur doesn't return, Marcy must follow in his footsteps. We will be learning to use direct speech when writing in role and will be completing information writing based on our focus book.

The Iron Man – The gigantic Iron Man crashes over the cliff, is dismembered, then re-assembles himself, is hungry, starts eating tractors and other bits of farm machinery and terrorises the neighbourhood. The book ends with a battle of strength between the Iron Man and the space-bat-angel-dragon. We will be writing persuasive letters and including features of non-fiction texts through a newspaper report.

Maths

Geometry and Measure – Pupils will rotate 2 lines around a fixed point to make different sized angles. They will identify vertices.

Addition and Subtraction, Ratio and Proportion and Statistics – Pupils will add and subtract two 3-digit numbers using partitioning, adjusting, redistribution and bridging. Pupils will accurately and efficiently solve multi-step addition and subtraction problems. Pupils will identify the minuend and the subtrahend in column subtraction and explain the column subtraction algorithm.

Multiplication and Division - Pupils will solve multiplication and division problems using knowledge of the scaling relationships between the 2x 4x 8x tables.

Science

Rocks – Pupils will be comparing and grouping together different kinds of rocks on the basis of their appearance and simple physical properties. They will be identifying and comparing the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.

Forces and Magnets – Pupils will be comparing how things move on different surfaces. They will explore how some forces need contact between two objects, but magnetic forces can act at a distance. We will be observing how magnets attract or repel each other and attract some materials and not others.

PSHE

What are families like? We are learning about different families and how they differ from each other. We will be exploring common features of positive family life often include shared experiences, e.g. celebrations, special days or holidays.

What makes a community? We will be identifying different groups and communities we belong to and exploring what is meant by a diverse community and how different groups make up the wider/local community around the school.

Design & Technology

Digital world: Wearable Technology – We will be learning to write a program that initiates a flashing LED panel, or another pattern, on the virtual micro:bit when a button is pressed.

Geography

Who lives in Antarctica?– We will be exploring lines of latitude and longitude and learning about the Northern and Southern Hemispheres and how they experience seasons at different times. We will be comparing the life in the UK and life in the Antarctica, comparing similarities and differences between them. We will be exploring aerial maps of the school grounds and drawing a map of the route they take on an expedition.

Art and Design

Craft and design: Ancient Egyptian scrolls – We will be recording colours, patterns and shapes through observational drawing. We will be creating a selection of sketches that show idea exploration and produce a final design with a clear purpose.

R.E

Why do people believe different things about how the world began? – We will be learning about the creation story. We will be exploring the 'Big Bang' theory and how humanists believe the world began.

How and why do Hindus worship at home and at the Mandir?– We will explore how Hindus worship their Gods/Goddesses. We will be learning about the Mandir and what can be found here.

Music

Compose Using Your Imagination: How Does Music Make the World a Better Place?– We will use our imagination when creating our compositions. We will be playing, improvising and composing using a selection of notes.

More Musical Styles: How Does Music Help Us Get to Know Our Community?– We will be exploring how music changes from loud to quiet or quiet to loud and how these are called dynamics.

P.E

Outdoor Adventurous Activities – We are developing problem-solving skills through a range of challenges. We will learn to orientate a map, identify key symbols, draw, and follow routes.

Gymnastics – We will be developing balancing, rolling and jumping skills and develop our sequence work.

Handball – We will be developing our understanding of the importance of fair play and honesty while self-managing games. We will be learning to throw, catch, run and dribble.

Dodgeball – We will be improving skills of throwing, dodging and catching and applying simple tactics to outwit the opposition.

Computing

Touch typing - We will be learning to sit correctly at the keyboard and learning how home, top and bottom row keys.

Email - we will be learning how to open and respond to emails, how to add an attachment and how to use emails safely.

Branching Databases – We will be sorting objects using just 'yes' or 'no' questions and learning to complete a

History

Why did the Romans invade and settle in Britain? - We will be exploring what was important to the people in Ancient Rome and analysing the different reasons for the Roman invasion of Britain. We will be using artefacts to make deductions about the lives of Roman soldiers in Britain.