

Edward Pauling Primary School

Curriculum Statement - Year 5 Spring

English

Comic disco Poems - This collection whirls us out into the cosmos to dance 'in the endless El Dorado of stars stars stars' and back again to 'that little old blue ball spinning in the corner over yonder'. Nature is personified in many guises. Through this collection of poems, we will be using rhythm, alliteration and similes and personification in our own poems.

Running on Empty – AJ is an eleven year old boy who is great at running, like his grandfather in his youth, and has dreams of competing in the Olympics one day. However, Grandad has recently died and AJ's parents, who have learning difficulties, are having problems managing money, which was something for which Grandad took responsibility. We will be sharing our opinions through a book review and will be writing a personal narrative.

Science

Properties and changes of materials – Pupils will be learning about insulators and conductors. We carry out a range of tests to identify which materials are up to the job for a variety of festival needs. We will also be exploring what changes occur to certain materials when they are heated, cooled and mixed with other materials

Geography

Why do oceans matter? We will be learning about the water cycle. We will be exploring how the ocean is used for human activity and how the ocean helps to regulate the Earth's climate and temperature. We will be collecting data using a tally chart, photographs and a sketch map and presenting data using a pie chart. We will also navigate the fieldwork environment and make suggestions for how to improve.

History

Were the Vikings raiders, traders or something else?- We will be learning about the Vikings and finding out where they came from and why they invaded Britain. We will be sequencing events according to their significance for groups of people and finding evidence and making inferences from sources. We will be exploring why trade routes were important to the Vikings and identify the differences between Viking sagas.

Computing

Databases – We will be learning how to search for information in a database and creating our own database around a chosen topic.

Game Creator – We will be learning how plan a game and how to design and create the game environment. We will also be evaluating our game through self and peer evaluations.

Modelling – We will be exploring the effect of moving points when designing and designing a 3D Model to fit certain criteria.

R.E

What is the most important thing that happened and what made it important? We will be learning about the main figures in Christianity and why they are important to Christians. We will be exploring some of the major events in Jesus's life and why these were important

How do shared celebrations help us to connect, and what role do they play in different religions? We will be exploring how Muslims celebrate Eid-ul-Fitr and why they celebrate it. We will also explore why the Jewish people celebrate Passover and how it is celebrated.

Maths

Multiplication and Division – Pupils will divide a 2-digit and a 3-digit number by a single-digit number using partitioning and representations and divide a 2-digit number by a single-digit number by using short division.

Fractions - Pupils will explain the effect of multiplying and dividing a number by 10, 100 and 1,000 and use their knowledge of multiplying decimal fractions by whole numbers to solve measures problems.

Geometry and Measure – Pupils will explain what area is and measure using counting as a strategy. We will make different shapes with the same area and compare the area of different shapes.

PSHE

How can we help in an accident or emergency? We will be learning how to carry out basic first aid including for burns, scalds, cuts, bleeds, choking, asthma attacks or allergic reactions.

How can friends communicate safely? We will be learning about the different types of relationships people have in our lives and how friends and family communicate together.

Design & Technology

Mechanical Systems: Making a pop-up book – We will be using a range of mechanisms and structures to illustrate a story and make it interactive for the users. We will be learning to choose and use appropriate materials and captions to illustrate the story.

Art and Design

Drawing: I need space – We will be selecting and placing textures to create a collagraph plate, applying an understanding of the material, which may be supported by testing.

Music

Compose With Your Friends: How Does Music Improve Our World? – We will be exploring how three or more pitches are played together, we can create chords in music.

Enjoying Musical Styles: How Does Music Teach Us About Our Community? – We will be exploring 'texture' in music and how texture can be the number of voices and instruments you hear at once.

P.E

Outdoor Adventurous Activities – We will be learning to lead groups and utilise negotiation skills. We will be develop map reading skills including the use of cardinal points, scale and direction to create, plan and follow routes around a course.

Gym – We will develop balancing, rolling, jumping and inverted movements. We will be exploring partner relationships such as canon and synchronisation and matching and mirroring.

Hockey – Pupils will be developing out physical skills of running, dribble, pass, receive, tackle, intercept, shoot

Dodgeball - Pupils will improve on key skills used in dodgeball such as throwing dodging, jumping and catching.