



# The Dasset Cof E Primary School

## Key-Stage-One Class Plan



### Autumn Term Projects

#### The Great Fire of London

##### History



Children will learn what London was like in the 1600s when the Great Fire of London began. Children will then use a timeline to sequence the main events. They will also learn why the fire spread so quickly and look at historical sources to find out how Londoners fought the fire. In addition, children will learn about Samuel Pepys and listen to extracts from his diary. Finally, they will learn how the Great Fire changed London forever.

#### Bright Lights, Big City

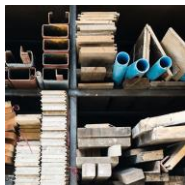
##### Geography



In the Bright Lights, Big City project, children will learn the story of a local landmark. They will learn about the countries that make up the United Kingdom, including their location, capital cities and some of their physical and human features. They will have the opportunity to do map work, using compasses and positional and directional language to plan routes around London. They will research the cause and impact of the Great Fire of London and look at some famous London landmarks. They will learn about other capital cities around the world, including Kuala Lumpur, and compare how they are similar and different to London.

#### Everyday Materials

##### Science



In the Everyday Materials project, children will learn that materials are what objects are made from. They will observe and identify objects made from different materials in places familiar to them, such as their home and school. They will name and use their senses to explore a range of natural materials using hand lenses and digital microscopes, learning that natural materials come from the world around us, including the ground, plants and animals. They will name and use their senses to explore a range of objects made from human-made materials, learning that they are new materials made by people from natural materials. They will write scientific questions about a chosen object made from a human-made material, its features and its use in the object, revisiting their questions during the project to see if they can identify the answers as their knowledge builds over time. They will compare a range of objects made from different materials, putting them into groups according to their similarities and differences and explaining their groups. They will identify the properties of a range of materials, learning that materials can be described by their properties and that a property is a quality material that makes it suitable for a particular use. They will follow instructions and conduct various tests to determine different materials' properties. They will complete Venn diagrams, sorting objects according to the properties of their materials. They will complete their learning by investigating materials to determine which have suitable properties to make bunting, which will be used to decorate the school grounds.

## Human Senses Science



In the Human Senses project, children will learn that humans are animals called mammals that breathe, eat, sleep, get rid of waste, grow, move and use their senses to survive. They will identify, label and count a range of body parts. They will learn that humans are the same in that they have the same body parts but also that they are different due to factors such as age, skin colour, body shape, eye colour and hair texture. They will also learn that some humans have missing body parts or parts that don't work well. Your child will learn that each human body part has a function that helps us survive, focusing on the parts associated with the five senses: sight, smell, hearing, touch and taste. They will conduct simple tests to investigate how their five senses help them make sense of and understand their surroundings. They will discuss the importance of each sense and learn how senses keep people safe from dangers. They will discover how people with sensory loss use tools, technology, and other senses to complete everyday tasks, asking a visitor with a sensory loss questions on the subject. Your child will conduct various investigations, focusing on their sense of touch and complete simple tests to learn why animals, including humans, have two eyes and binocular vision.

## Mixing Colours Art and design



This project teaches children about basic colour theory by studying the colour wheel and colour mixing. It includes an exploration of primary and secondary colours and how artists use colour in their artwork.

## Shade and Shelter Design and technology



This project teaches children about the purpose of shelters and their materials. They name and describe shelters and design and make shelter prototypes. Children then design and build a play den as a group and evaluate their completed product.

# Spring Term Projects

## Our Wonderful World Geography



In the Our Wonderful World project, children will learn the meaning of the terms- geography, physical feature and human feature. They will use maps, including picture maps, globes, online mapping tools and world maps. Your child will learn to use positional language, such as next to and behind, and directional language, such as forwards and backwards. They will also become familiar with the cardinal compass points, north, south, east and west. They will learn the names and positions of the continents and oceans of the world and understand the terms equator, Northern Hemisphere and Southern Hemisphere. They will also know the location of some hot and cold places. They will study maps to learn the names, capital cities and positions of the four countries of the United Kingdom and find out the characteristics of a village, a town and a city. They will study aerial photographs and spot familiar areas of their locality from above. Your child will carry out simple fieldwork to find out about local physical and human features.

## Flight through Time History



This project will help children to answer the question: How has flying changed over time and what impact has it had on people's everyday lives? During this project, children will learn about the history of flight and how human invention and brave aviators have changed the world of aviation and our everyday lives. Using a range of different sources, they will learn key facts about the history of flight, from the first flight of the Wright brothers to the invention of the jet engine by Frank Whittle. They will also learn how brave aviators, such as Bessie Coleman and Amy Johnson, blazed a trail for others and broke barriers of race and gender before considering how flight impacts people's everyday lives.

## Seasonal Changes Science



In the Seasonal Changes project, children will learn about the four seasons. They will go out into the local environment to experience the weather. They will examine the difference between deciduous and evergreen trees, observing trees in the local environment. They will learn about how the seasons affect animals and make comparisons between them. They will find out what the weather is, what types of weather there are and what causes the weather. They will learn about what the weather is like in each season and discover why the lengths of daytime and night time change in different seasons. They will learn about the Sun and how to protect their skin from the Sun's rays. They will observe and measure the wind, recording their data on a bar chart. They will learn how to read the temperature from a thermometer and record temperatures over a series of days. They will measure rainfall and carry out an investigation into the rain. They will learn about weather recasts and symbols.



## Taxi!

### Design and technology

This project teaches children about wheels, axles and chassis and how they work together to make a vehicle move.



## Rain and Sunrays

### Art and design

This project teaches children about collagraph printing, including how to develop a motif to make single and repeated prints.

## Summer Term Projects



## Titanic Tragedy

### History

This project will help the children to answer the question: Why is the sinking of the Titanic still remembered today? During this project, children will learn the story of the Titanic, from its ambitious construction to its tragic sinking on 15th April 1912. Through historical accounts and other sources of evidence, children will uncover the human stories and lessons learned from one of history's most infamous maritime disasters.

## Plant Parts

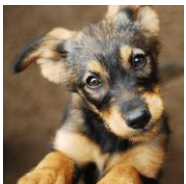
### Science



In the Plant Parts project, children will learn that plants are living things that grow from seeds or bulbs. They will revisit the concept of seasonal change, observing how trees and other plants change with the seasons, particularly from winter to spring. Your child will observe, photograph and identify various plants growing in and around the school grounds. They will choose one plant they would like to study for the project's duration. They will continue their learning by learning the parts of plants. They will explore where new plants come from and learn the names of some plants that grow from seeds and bulbs. Your child will learn about the parts of leaves, making comparisons. They will ask and answer scientific questions about the importance of plants to animals, including humans. They will observe how their chosen plant has changed over time and record their findings.

## Animal Parts

### Science



In the Animal Parts project, children will learn that animals, including humans, can be sorted into six groups: amphibians, birds, fish, invertebrates, mammals and reptiles. They will learn that different animal groups have similar and different body parts and the purposes of these body parts. They will sort animals into the six animal groups based on characteristics. They will complete Carroll diagrams, sorting picture cards of animals according to given and chosen criteria. They will learn about pets and how they are cared for and identify the animal group for each. They will complete a class block graph by recording which pet they prefer, then interpret the classes' results to learn which pets are the most and least popular. They will discuss what different animals eat, using the terms 'carnivore', 'herbivore' and 'omnivore', and observe the characteristic features of different animals that belong to these groups by examining their teeth and eye positions. They will complete Venn

diagrams, identifying animals that are carnivores, herbivores and omnivores. Children will observe an invertebrate for a short period and then ask scientific questions about the animal and research to find the answers.

They will complete their learning by observing earthworms to learn about their body parts, diets, and senses and compare earthworms to other animals learned about during the project.



## Funny Faces and Fabulous Features

Art and design

This project teaches children about the concept of the portrait and how the collage technique can be used to make a portrait.



## Street View

Art and design

This project teaches children about artwork depicting streets and buildings and focuses on the work of the American pop artist, James Rizzi. They create a 3-D mural based on Rizzi's work.



## Chop, Slice and Mash

Design and technology

This project teaches children about sources of food and the preparatory skills of peeling, tearing, slicing, chopping, mashing and grating. They use this knowledge and techniques to design and make a supermarket sandwich according to specific design criteria.