

COMPUTING: ROBOT ALGORITHMS

Children will understand instructions in sequences and the use of logical reasoning to predict outcomes. They will be able to use given commands in different orders to investigate how the order affects the outcome. They will be able to design a simple program and develop artwork and test it for use in a program. They will know how to design and test algorithms as programs and debug.

SCIENCE: LIVING THINGS AND THEIR HABITATS

In Science the children will learn about different habitats within their local environment with particular emphasis on the coastline. They will develop their scientific skills through close observation, classification and categorisation. This unit will encourage the children to build upon their scientific thinking through the comparison of animal habitats in different climates.

The children will also learn about the Season of Spring They will look at some scientific features including weather, temperature and observable changes in the local area.

GEOGRAPHY : OUR LOCAL AREA

Children will learn about the local area and its geographical features. The children will look outside the school to recognise that cultural, heritage, charitable, public and community assets can also play a role in developing children’s capacities to understand and contribute to a changing world.

Children will learn about the mining history of our local area and have an educational visit to Woodhorn Colliery.

ART: DRAWING

Children will develop techniques in using pencil to create thick and thin lines.

The children will:

* explore what happens when we add more pressure to the pencil when drawing lines.
* look at the work of Kandinsky and learn about how he used shapes and lines to create his masterpieces.
* will then create their own artwork based on the work of **Kandinsky.**

MATHS:

Children will recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value • Solve simple problems in a practical context involving addition and subtraction of money of the Children use their knowledge from place value and addition and subtraction to find the total value of a set of coins, with all answers being less than £1. They should be able to count up in 1ps, 2ps, 5ps and 10ps, and use related facts to count up in 20ps, as well as finding the total of a mixed set of coins. same unit, including giving change. In this block, children make the connection between repeated addition and multiplication. Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs

ENGLISH:

STORIES FROM A FAMILIAR SETTING

This half term, Year 2 will be looking at Stories from a Familiar Setting which will focus upon the topic of ‘The Hodgeheg’ by Dick King Smith.  They will describe settings and main characters, with a focus on using correct punctuation, adjectives and connectives in their writing.  We will also be creating some ‘Seasonal Poetry’ using a variety of styles.

Children will also complete a variety of reading and writing activities to create a baseline assessment