

Computing

Using technology to record information –

select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.

Art

Texture Printing

We will create different patterns and prints using different materials.

Polystyrene printing – we will carve shape into polystyrene

Design and Technology

Electrical and Mechanical Components

Scrapyard Inventors – We will be designing and creating our own inventions using recycled materials!

Christmas Village Scene – We will be using different materials to build our own traditional Christmas scene.

Science

Light

Recognise that they need light in order to see things and that dark is the absence of light

Notice that light is reflected from surfaces

Recognise that light from the sun can be dangerous and that there are ways to protect their eyes

Recognise that shadows are formed when the light from a light source is blocked by an opaque object

Find patterns in the way that the size of shadows changes

Sound

Identify how sounds are made, associating some of them with something vibrating

Recognise that vibrations from sounds travel through a medium to the ear

Find patterns between the pitch of a sound and features of the object that produced it

Find patterns between the volume of a sound and the strength of the vibrations that produced it

Recognise that sounds get fainter as the distance from the sound source increases

Literacy – The Invention of Hugo Cabret

Character and setting descriptions – we will be using the illustrations in our class book to complete a series of character and setting descriptions.

Writing to Entertain – We will be creating an advert for our inventions that we create in design and technology.

Class Reading - ‘Chitty Chitty Bang Bang’, ‘The Imagination Box’

Christmas

Class Reading – A Christmas Carol

Poetry

Maths

Four Operations

– Formal addition, subtraction, multiplication and division.

Use mental methods for completing addition and subtraction problems.

Use inverse operations to check answers. Begin to solve problems involving using more than one of the above operations.

Statistics and Interpreting Data

Money – Calculating change, using money, adding and subtracting money.

PSHE/RE

PSHE – Mindfulness activities
ELSA

RE – Christianity
We will be learning about the Nativity and Christmas traditions.



Class: Yellow
Innovative Inventors
Autumn 2

PE

Dance and Gymnastics

We have been given access to the hall facilities in our neighbouring school so we will have access to soft play and gymnastic apparatus.

Music

Singing

Pitch
Rhythm
Breathing
Voice
Diction

History and Geography

History – Britons and Victorian Inventions

Give some reasons for some important historical events.
Make comparisons between aspects of periods of history and the present day.

Geography – Land and Skies

Know and describe where a variety of places are in relation to physical and human features

Understand why people seek to manage and sustain their environment.

Know and describe means of travel.

