



Barrow Hedges Medium Term Topic Planner (Overview)

Year 1 Spring 1

Moon Zoom!

Art & Design: *Outer Space*

- To use lines in drawing to develop and share ideas, experiences and imagination.
- To closely observe thinking about shape, texture and pattern.
- To mix 'Brusho' paint colours to get the chosen colour effect.
- To use brushstrokes when painting.
- To mix colours accurately.
- To learn about the work of famous artists and to ask question about a piece of work.
- To be able to describe what I see and give an opinion about Van Gogh's Starry Night.
- To show a variety of techniques in one piece of work.

Music: *Moon Zoom*

The skills taught in this unit are:

- To begin to recognise style.
- To find the pulse
- To recognise instruments.
- To begin to understand how pulse, rhythm and pitch work together to create music.
- Begin to learn that improvisation is when you make up your own tune and rhythm.
- To start to learn that composition is creating very simple rhythms and melodies.
- To sing songs and speak chants and rhymes.
- To work together in a group.
- To perform what I have learnt to an audience.

Computing: *We are treasure hunters*

- To use the language of Bee-Bots to find the treasure.
- To use symbols and words to record a route (algorithm).
- To program a robot.
- To predict, write and test instructions to control a programmable toy to decide where it will end up.
- To write and input a series of instruction to find the treasure.
- To test a series of instructions and fix any problems with it (debug).

E-safety

- To remember to take time out from technology and consider how much time is spent using devices.

PHSE and Relationships Education: *Going for Goals*

- To understand what we mean by a goal.
- To know ways I can achieve my goal.

Safeguarding:

- To use ICT responsibility and know how to stay safe online.

Citizenship

- To understand that money comes from different places and that it can be used for different reasons.
- To know how to keep money safe and to make wise choices about spending money.

RE: *Hinduism*

- To know that Hindus believe in one God (Brahman).
- To know that deities represent different parts of one God.
- To recognise that Krishna is important to Hindus.
- To identify the symbols associated with Krishna.
- To know that Hindus have different special books.



PE:

Indoor: *Gymnastics (rolling)*

- To be able to show that I can spin, rock and roll with control on different parts of the body.
- To explore rolling in different ways using different parts of my body.
- To copy a short sequence and repeat it.
- To be able to make my body curled, tense stretched and relaxed.
- To learn how to put a series of movements together.
- To be able to perform a forward roll safely.
- I can use apparatus safely.
- I can transfer skills to apparatus.

Outdoor: *Games (passing and receiving)*

- To use EYES, HANDS, READY when receiving the ball.
- To be able to pass and receive the ball using hands and feet – kicking, throwing and bouncing.
- To vary the position of the feet to be able to receive the ball successfully.
- I can pass to a team mate in a game situation.

History: *Great Explorers*

- To understand what a space explorer is and what work they might do.
- To find out what made Neil Armstrong famous.
- To find out what role Katherine Johnson played in the development of space travel
- To find out what made Mae Jemison famous.
- To ask questions about Tim Peak and with support find some answers to my questions.
- To know what space explorers helped us learn about our world.
- To use words that describe when things happened in space (this objective can be covered as part of the lessons above or can be done discretely as a way of interweaving the different explorer's achievements in history).

Geography: *Countries & Continents*

- To understand what things are made by people and what is natural.
- To use Google Earth to find natural and man-made things.
- To pick out what is water and what is land on a satellite image and atlas.
- To know that there are seven continents and five oceans and know their names.
- To find the UK on a map and say which continent it is in.

D&T: *Moon Buggies*

- To evaluate different moon buggies and say what makes them different from cars (so suitable for the moon's crust).
- To explore different rolling materials and how to attach these.
- To design a moon buggy that can travel on the moon's crust.
- To make a moon buggy using tools and equipment safely.
- To evaluate my moon buggy against the design brief.

Science: *Everyday Materials*

- To be able to name an object and say which materials it is made from.
- To be able to make observations.
- To name different everyday materials and talk about their physical properties.
- To be able to use equipment to make observations.
- To compare and group together different everyday materials using their physical properties.
- To be able to ask and answer scientific questions.
- To be able to perform a simple test and talk about what I have found out.