

English

This half term we will continue to focus on the completion of the Space theme, through the use of Curiosity and Tim Peake's exploration to the Moon. We will then move on to the theme of Sustainability through a wide variety of literature.

Computing

Children will use and combine a variety of software 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 Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.

MEDLOCK PRIMARY SCHOOL In Spring 2 Year 5 will be learning . . .

Humanities (History and Geography)

We will start the term exploring what Sustainability means by Sustainability. They will explore what Fossil fuels are and how they impact on the environment both globally and locally. They will learn about Global warming and the impact that it is having on the world. We will explore the changes that humans could make to benefit the environment.

Art and Design

We will look at space landscapes. They will explore colours, shading and different types of textures to assist them in making their Solar System - for the space project. They will pay attention to how the environment changes and try to show this.

Design Technology

Create a simple model of the solar system. They will be trying to take into account of the sizes of the planets. They will also be expected to model the scale and distances between the Sun and planets in the solar system.

PE

This term, children will continue focusing on working on dance throughout time. They will focus on working as an individual and they will create a variety of different performances. They will be paying particular attention to working as a member of a team, mirroring movement whilst observing lines of symmetry around their area.

Music

We will continue to explore the appreciation of music throughout time which will be linked to their Physical Education sessions. They will be observing how music is used through different forms of media, to create a variety of effects. Children will explore ways of recreating the sounds and atmosphere of the environment using instruments.

Maths

Through the Singapore approach to maths, children will have to solve a variety of word problems. Pupils explore decimals. To begin this chapter, they learn to read and write decimal numbers. This is followed by comparing decimal numbers to find which is greater and smaller. Pupils then add and subtract decimals before turning decimals into fractions and with comparing quantities and exposing percentage as an amount out of 100.

Science

This half term we will focus on the topic of: Animals including humans. Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood. They will learn to recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function whilst, being able to describe the ways in which nutrients and water are transported within animals, including humans.

Science Key Vocabulary

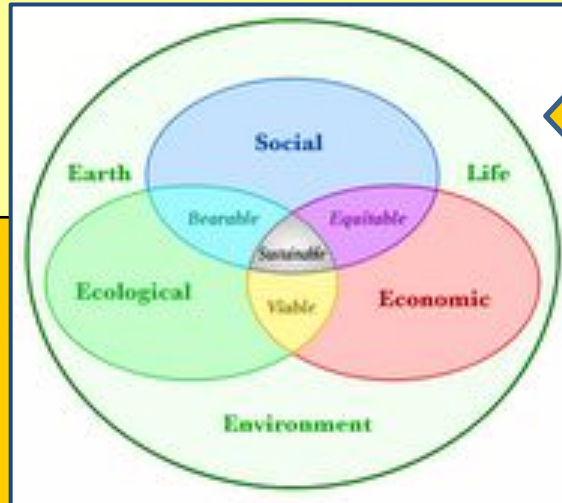
dispersal	To spread over a wide area.
reproduce	To make new plants or animals (organisms).
germination	The development of a plant from the seed or spores.
pollination	The process of taking pollen from one plant to another.
Life Cycle	The series of changes in the life of an organism



Key Question -Websites/Media

What are the parts of a plant?	https://www.youtube.com/watch?v=bLhTgTwbYMI
How do plants reproduce?	https://www.youtube.com/watch?v=R8_SckzLafE
Different types of animals.	https://kids.nationalgeographic.com/animals

Key Information



Sustainability Key Vocabulary

Sustainable	Refers to using resources in such a way that they will continue to be available in the future.
Deforestation	Is the clearing, or cutting down, of forests.
Fossil Fuels	Materials are called fossil fuels because, like fossils, they are the remains of organisms that lived long ago
Green energy	Also known as renewable energy is made from resources that nature will replace, like wind, water and sunshine.
Finite	Is something that has a limit that can't be exceeded.
Conurbation	Where cities, large towns, and other urban areas that, through population growth and physical expansion, have merged to form one continuous urban or industrially developed area.
Global Warming	The increase in Earth's average temperature over a long period of time.



Key Question -Websites/Media

What is Sustainability?	https://mocomi.com/sustainability/