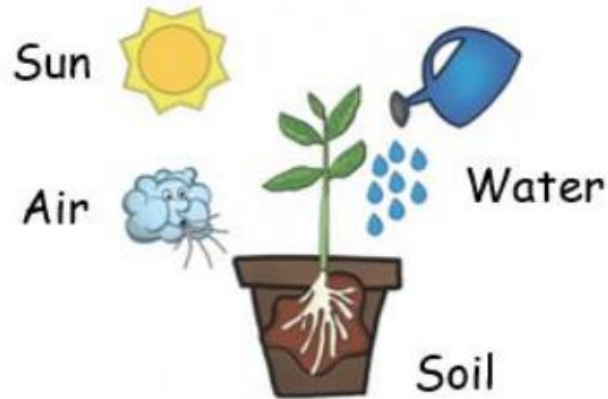


Knowledge Organiser

Summer 1

Science - Plants



How will I work like a Scientist?

- I will ask simple questions.
- I will suggest ways of answering a question (Y1- with support).
- I will observe using equipment.
- I will perform a simple test.
- I will take measurements (Y1- using non-standard units).
- I will identify and classify (Y1- with guidance).
- I will gather and record data (Y1- with support).
- I will record my findings in a range of ways (Y2 only).
- I will suggest answers to simple questions.

Key Vocabulary

What do plants need to grow well?

sunlight

All plants need light from the sun to grow well. Some plants need lots of **sunlight**. Some plants only need a little **sunlight**.

water

All plants need **water** to grow. Without **water**, seeds and bulbs will not **germinate**.

temperature

Temperature is how warm or cold something or somewhere is. Some plants like cooler **temperatures** and some like warmer **temperatures**.

nutrition

Food or nourishment. Plants make their own food in their leaves using **sunlight**.

History – Mary Anning

Key Vocabulary:

- Fossils
- Jurassic coast
- Bones
- Plesiosaur
- Ichthyosaur
- Curiosities
- Palaeontology
- Scientist
- Discovery
- Amonites

What we are going to learn:

- Mary Anning lived in Lyme Regis, in Dorset.
- Mary called her fossils 'Curiosities' when she didn't know what they were.
- Mary found a fossil that looked like a crocodile on the side of a cliff.
- Mary found ammonites.
- Mary was not famous in her time because she was a woman from a poor family.
- Male scientists took credit for Mary's work.
- Mary Anning is now remembered as one of the greatest fossil hunters that ever lived.



History – Christopher Columbus

- Christopher Columbus was a sailor and explorer
- He lived over 500 years ago (1400s)
- He sailed in wooden ships looking for other lands
- Some people think he discovered America
- People (Vikings) had already found America 500 years before
- He brought pineapples, potatoes and tomatoes back from America
- He died in 1506



Key Vocabulary:

- Sailor
- Explorer
- Discover
- America
- Travel
- Significance

Art –Angie Lewin Artist

- Lewin was born in Bollington, Cheshire in 1963.
- She studied Fine Art Printmaking at the Central School of Art and Design, London between 1983 and 1986.
- She is inspired by natural landscapes and plant forms.



Dandelion I

Key Vocabulary

- Sketching- Making quick, light drawings to plan or practise ideas before creating a final piece of work.
- Shape- The outline or form of an object.
- Line- A mark made by a pencil, pen or brush. Lines can be straight, curved, thick, thin, wavy or zigzag.
- Tone- How light or dark something is. Tone is created by shading or pressing harder or lighter with a tool.
- Pattern- A design made by repeating shapes, lines or colours.
- Texture- How something feels, or how it looks like it might feel. Texture can be smooth, rough, bumpy or soft

RE- Judaism

Rosh Hashanah



Jewish New Year is called Rosh Hashanah and ends with Yom Kippur. It is a time to ask for forgiveness and to forgive.

Yom Kippur



Yom Kippur is the holiest day in Jewish calendar.

Sukkot



The festival of Sukkot celebrates Harvest and commemorates the 40 years spent in the desert.

Bar and Bat Mitzvah



Jews have coming of age ceremonies: Bar and Bat Mitzvah.

Children will explore stories and beliefs from the Jewish faith. They will have opportunities to consider what each story teaches about the Jewish religion and which festival celebrates the events as well as what messages can be taken from the stories.

Music Inspired by the World Around Us

Key Vocabulary

- Listening – Paying careful attention to sounds and music
- Rhythm – A pattern of long and short sounds
- Tempo – How fast or slow the music is
- Dynamics – How loud or quiet the music is
- Pitch – How high or low a sound is
- Texture – How sounds are layered together in music
- Verse – A main section of a song
- Chorus – A repeated part of a song
- Perform – To sing or play music to others
- Composer – A person who writes music

Music Genres and Pieces:

- *Baroque Music* - Spring – Antonio Vivaldi
- *Classical Music*- Moonlight Sonata – Ludwig van Beethoven
- *Romantic Music*- Dance of the Cygnets – Pyotr Ilyich Tchaikovsky
- *20th Century Music*- Mars from The Planets – Gustav Holst
- *Contemporary Music*- Connect It – Anna Meredith

