



## YEAR 2

### CURRICULUM LEAFLET

DISCOVER—AUTUMN 2

## Significant Individuals



## READING/ POETRY

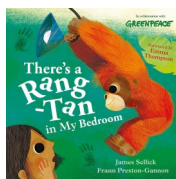
### Reading:

For pupils who have finished Phonics, they will begin to read *There's a Rang-Tan in My Bedroom* by James Sellick and Frann Preston-Gannon in Destination Reader. Pupils will be introduced to key strategies for reading, such as Predicting, Summarising, Clarifying, Inferencing, evaluating and making connections.

### Poetry:

Children will begin to recite the following poems:

*Poems about Nature*



## WRITING

Using the story *The Journey Home* by Frann Preston-Gannon, children will explore issues of conservation and start to explore whether we can escape the issues that endangered animals face on a day-to-day basis. Children create fact files on endangered animals as well write short persuasive pieces on why we need to save a particular endangered animal.

Using the text *We Are Water Protectors* by Carole Lindstrom, children will explore the true story of the narrative, and produce descriptive non-fiction writing in different forms, such as writing the life-cycle of water, identifying environmental issues, researching Native American tribes and creating a campaign to look after a local water.



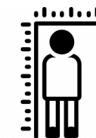
## MATHS

### Review Prior Learning:

- To solve practical problems for: lengths and heights [for example, long/short, longer/shorter, tall/short, double/half]; mass/weight [for example, heavy/light, heavier than, lighter than Count forwards and backwards in multiples of 2, 5 and 10, up to 10

### New Learning:

- Measures – length, graphs
- Multiplication and division – 2, 5, 10s



## RE/ PSHE

**RE:** What is the importance of light to many Christians, Hindus and Jews?

We will be answering the question: *What is the importance of light to many Christians, Hindus and Jews?*

**PSHE:** Family and relationships

Learning: that families are composed of different people who offer each other care and support; how other people show their feelings and how to respond. Looking at conventions of manners and developing an understanding of self-respect.



## PE/ SPANISH

### Physical Education :

In Year 2, will have two weekly PE lessons.

Teachers: Indoors: Gymnastics

First Kicks: Outdoors: Net and wall

### Spanish: The Calendar

We will be learning about the calendar and how to say different dates. We will also learn songs, games, storytelling and role play. Spanish phonics. Personal information including name, age, likes and dislikes with colours.



## COMPUTING/MUSIC

### Computing: What is a computer?

When picturing a computer, thoughts are often of a screen, mouse and keyboard. This unit explores exactly what a computer is by identifying and learning how inputs and outputs work, how computers are used in the wider world and designing their own computerised invention.



### Music: Percussion 2

Year 2: students will be experimenting with rhythm using sound shape percussion instruments



## ART/ DT

### Art : Art and Design Skills

Children will begin to develop their skills in: design, drawing, craft, painting and art appreciation. They will make a variety of puppets using different materials, completing a drawing from observation, learning the difference between a tint and a shade and creating versions of a cartoon drawn by a famous illustrator.

### DT: Mechanisms: Moving Monsters

After learning the terms; pivot, lever and linkage, children set to designing a monster that will move using a linkage mechanism. After practising making linkages of different types and varying the materials they use, children can also bring their monsters to life with the gift of movement.



YEAR 2

## DISCOVER—HISTORY AUTUMN 2 Significant Individuals

### PRIOR KNOWLEDGE

#### Previously in Reception:

- I began to develop my understanding of timelines.
- I began to use words that relate to the passing of time to explain my understanding.

#### Previously in Year 1:

- I learned to explore the past through the stories of other people, such as Intrepid explorers and famous Queens.

### FUTURE KNOWLEDGE

#### Later in Year 3:

- I will go much further back in history to the stone age and begin to understand how civilisation began.
- I will begin to understand that archaeology is a way in which we learn about the distant past.
- Describe what Newton studied
- Explain what a Newton meter and what it does

### Key Vocabulary

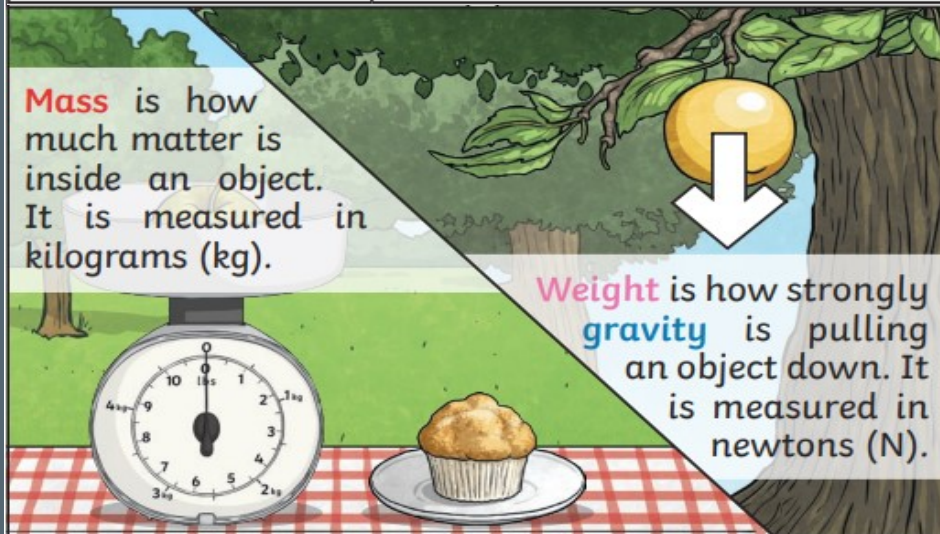
<b>forces</b>	Pushes or pulls.
<b>gravity</b>	A pulling <b>force</b> exerted by the Earth (or anything else which has <b>mass</b> ).
<b>Earth's gravitational pull</b>	The pull that Earth exerts on an object, pulling it towards Earth's centre. It is the Earth's <b>gravitational pull</b> which keeps us on the ground.
<b>weight</b>	The measure of the <b>force</b> of <b>gravity</b> on an object.
<b>mass</b>	A measure of how much matter (or 'stuff') is inside an object.

Isaac Newton



Isaac Newton is famously thought to have developed his theory of **gravity** when he saw an apple fall to the ground from an apple tree.

**Mass** is how much matter is inside an object. It is measured in kilograms (kg).



**Weight** is how strongly **gravity** is pulling an object down. It is measured in newtons (N).





YEAR 2

SCIENCE

AUTUMN 2

# Physics: Space

## PRIOR KNOWLEDGE

Previously in Year 2, I learned about:

- **Light** — What is the difference between night and night. The Earth spins on an axis Why there are 24 hours in day why the earth is in shadow during the night time.

## FUTURE KNOWLEDGE

Later in Year 3, I will learn about:

- **Forces** —I will learn about the cause and effect of gravitational forces

Later in Year 4, I will learn about:

- **Rocks cycle**— I will compare and group together different kinds of rocks on the basis of their appearance and simple physical properties.
- **Space**— I will further my learning of space, by learning about aspects such as explaining what the solar system is and what the universe is and what it's made from.

### Keywords

**Solar System**

The group of objects that orbit the sun.

**Orbit**

Goes around a planet or star.

**Axis**

An invisible line around which a planet spins.

**Rotate**

The way an object turns.

**Satellite**

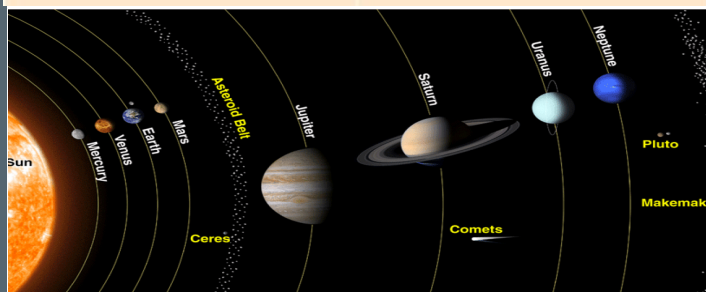
A machine put into orbit around the Earth used for science or communications.

**NASA**

North American Space Agency

**Astronaut**

A person who travels in space.



## NEW KNOWLEDGE

Week	Lesson Question	What will I learn?
1	What is space?	Define space What can you find in space? How do we learn about space?
2	What are the planets in our solar system?	What is the Universe? How many planets exist in our solar system? Interesting facts about the planets
3	How does the earth orbit and rotate?	How does the Earth rotate? How does the Earth orbit? Why is the Earth tilted?
4	What are constellations?	What are stars? How do stars form constellations? Drawing constellations
5	When and how was space discovered?	When was space discovered? How was space discovered? Who has explored space?
6	What kind of scientists study space?	Who studies space? Different jobs in space What does the future hold?

