

# In Science, we will be investigating Earth and Space

The position, relationship and movement of planets / spherical bodies



What are the planets in our solar system?

How does our view of the Moon change in a lunar month?

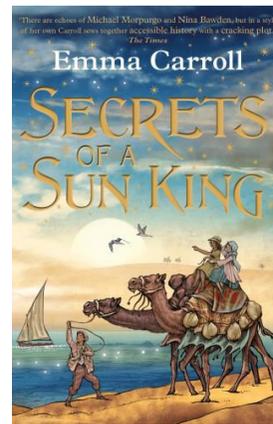


The effect the Earth's rotation, tilt and orbit has on day, night and seasons



Why does the rotation of Earth result in night and day?

Why is the Earth's tilt (axis) responsible for the seasons?



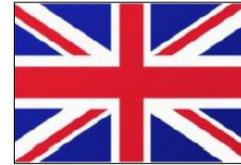
# Autumn 2 – 2023 Adders Class

In English, we will be:

- writing biographies linked to 'Earth in Space' and poems that explore form
- reading 'Secrets of a Sun King' by Emma Carroll

In DT, we will be looking at **Mechanisms**

As designers, we will investigate how pulleys and gears work. We will design and make our own pulleys and gears products, selecting and using a variety of modelling materials to create final outcomes.

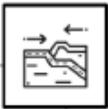


# In Geography, we will be comparing a region of the UK, Europe and North America

United Kingdom



Where is the Lake District and what is it like?



How was the Lake District formed?

Europe



Poland: where can you find the Tatra mountains?

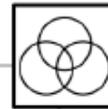


What are the Tatra mountains like?

North America



The Caribbean and Jamaica: what do we know? What's the terrain like?



What is similar and what is different between the Lake District, Tatra mountains and the Caribbean?

During PSHE we will be focusing on **Emotions and Anti-bullying**

We will learn about: how to understand and recognise our own emotions and those of others, including how we might express and respond to those feelings. We will identify an increasing range of feelings, including moods and mixed emotions, developing our language to describe them and learn how we might recognise them in ourselves and others. We will consider what prompts different feelings and how to deal with these.

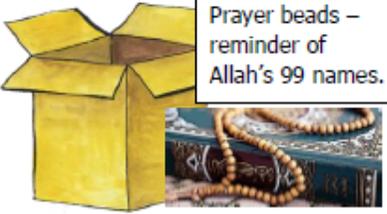
Key Vocabulary	Definition	Key Vocabulary	Definition
waxing	Appears to become gradually bigger until its full form is seen.	idler	A gear used for support or guidance instead of power transmission.
waning	Appears slightly smaller each day after being round and full.	orogeny	A process in which the outer layer of the earth is folded to form mountains.
gravitational	Connected with or caused by the force of gravity.	mechanism	A system of parts working together in a machine.
crescent	A curved shape that is wide in the middle and pointed at each end.	altitude	The height above sea level.
phenomenon	An extraordinary occurrence.	tectonic	Relating to the structure of the earth's surface.
inhospitable	(Of a place) difficult to stay or live in, especially because there is no shelter from the weather.	glaciation	The process or result of land being covered by glaciers.

**In RE, we will be looking at the Muslim idea of 'Revelation'**

**Prior learning**  
 That Allah is the one true God – compassionate and merciful. He should be obeyed in every way. Muhammad – revered but not to be worshipped - was chosen by Allah to be his final prophet. Muhammad told people to submit to Allah and to worship no-one else.

**What should we know?**  
**Revelation** is how Allah imparts whatever he wishes to those he chooses.  
 Muslim's believe:

- The greatest revelation has come from Allah to the Prophet Muhammad and is recorded in the Qur'an.
- The Qur'an reveals what God is like, provides guidance for living and the key to preparation for the life to come.
- The words of the Qur'an are the actual words of Allah received over a period of time by the Prophet Muhammad through the Angel Jibreel (Gabriel).



Prayer beads – reminder of Allah's 99 names.



Muslim children learn to recite the Qur'an in Arabic.

The Qur'an – the final revelation from Allah.

**What should we be able to do?**  
*Explain how Muslims show respect for the Qur'an.*  
*Retell the story of how the Qur'an was revealed to Muhammad.*  
*Describe some practices and experiences of Muslim children at a madrassah.*  
*Describe why only some Muslims seek to become Hafiz and how the study affects both their lives and the lives of others.*  
*Show how Muslims express the idea of revelation as a rope reaching down to earth, suggesting what the image means.*

**Physical development, Health and Well-being**

**Curriculum drivers:** Cultural Diversity and Arts  
**Computing:** Selection in Quizzes  
**PE:** Netball and Tag Rugby  
**Music:** Why we sing; Introduction to song writing  
**French:** Emotions + Numbers 0-100  
**Value:** Trust

**Curriculum Enrichment**  
 Remembrance Day – 10.11.23  
 'Rock of Ages' at Suffolk One – 14.11.23  
 Children in Need – 17.11.23  
 Christmas Concert – 12.12.23