

# KEY SUBJECT VOCABULARY



# DIVERSITY



# RECOMMENDED READS

## SCIENCE - EARTH AND SPACE

<b>Orbit</b>	To move in a regular repeated curved path around another object
<b>Axis</b>	An imaginary line that a body rotates around. E.g., Earth axis (imaginary line) runs from the North Pole to South Pole
<b>Rotate</b>	To Spin. E.g., Earth rotates on its own axis
<b>Spherical bodies</b>	Astronomical objects shapes like spheres

## GEOGRAPHY - NATURAL DISASTERS

<b>Peninsula</b>	A piece of land almost surrounded by water or sticking out into a body of water
<b>Mediterranean climate</b>	Hot, dry summers and cool, wet winters
<b>Landmark</b>	An object or feature of a landscape or town that is easily seen and recognized from a distance
<b>Alpine terrain</b>	Wide expanses of open, exposed stretch of land with few or no trees. Where it exists, it is the highest level of a mountain or range

## RE - JEWISH WORSHIP AND COMMUNITY

<b>Shabbat</b>	A festive day when Jews exercise their freedom from the regular labours of everyday life each week
<b>Kosher</b>	Any food fit which is prepared according to Jewish standards for consumption by Jewish people
<b>Rabbi</b>	A Jewish scholar or teacher, especially one who studies or teaches Jewish law
<b>Bar / Bat Mitzvah</b>	A Jewish ceremony that marks the transition of a young person into adulthood in the Jewish community

## IMPORTANT KNOWLEDGE (5 FINGER FACTS)

### SCIENCE:

- The sun, Earth and Moon are spherical bodies.
- Earth rotates (spins) on its axis; it does a full rotation once in every 24 hours.
- At the same time that Earth is rotating, it is also orbiting around the sun; this takes a little more than 365 days.
- Daytime occurs when the side of Earth is facing towards the sun and night occurs when the side of Earth is facing away from the sun.
- The moon orbits earth while spinning on its axis.

### GEOGRAPHY:

- The Earth's surface is made up of a number of plates that are almost always moving, and most earthquakes happen where the plates meet.
- Some plates slide past each other causing friction to build up. Some move towards each other causing a build-up of pressure. When these forces friction and pressure are released, they produce a violent jolt that shakes the land: an earthquake.
- A Tsunami is a large wave caused by movements in the Earth's crust which move ocean water. For example, an earthquake of volcano in the ocean could cause a tsunami.
- A volcano is an opening in the Earth's crust that allows magma, hot ash and gases to escape.
- Most volcanic eruptions are caused by Earth's tectonic plates moving towards each other.

### RE:

- Judaism is one of the oldest religions in the world. It was started around 4000 years ago by a man named Abraham.
- The Torah is written in Hebrew. It contains 613 commandments, the most famous of which are the Ten Commandments.
- Shabbat is the most important day in the Jewish week. Shabbat is the Hebrew word for Sabbath and is the Jewish day of rest.
- When Jewish boys reach the age of 13, they become Bar Mitzvah, which means 'son of commandment'. At 12, girls become Bat Mitzvah, which means 'daughter of commandment'.
- The Torah is kept in the Ark when it is not being read. Throughout the year, the whole of the Torah will be read.



## THEME DAYS, VISITS, EXPERIENCES:

### Topic Launch

**7<sup>th</sup> January - Natural Disasters:**  
The children will create erupting volcano models, explore tectonic plates through maps and discuss the impact of natural disasters on communities and the environment.

### Residential

**20<sup>th</sup>-24<sup>th</sup> January - Marrick:**  
The children will develop teamwork, resilience and independence through activities such as climbing, canoeing and problem-solving challenges, while enjoying the outdoors and building confidence.

### Theme Days:

**Y6 French exchange -  
St Wilfrid's 08.01.25**