

Autumn 1
2024-2025
Year 5

Thorpepark 50



Geography Sticky knowledge

- The country America is broken down into 50 states and the capital city is Washington DC. North America has 23 countries
- North America has 9 time zones
- The Grand Canyon and Colorado River are examples of physical features.
- The Grand Canyon has a cool semi-arid climate with hot summers
- There are different biomes at different parts of the Grand Canyon.
- There are forests at higher altitudes and desert basins at lower altitudes
- Water is the main natural resource in the Grand Canyon. In the past people mined gold and other precious metals there
- Mining has a negative impact on the Grand Canyon. It threatens wildlife and drinking water.

Science- forces

Sticky knowledge:

- Friction is a contact force e.g. trainers or mats for a helter skelter
- Gravity is a force that acts at a distance, pulling objects towards the Earth, causing them to fall
- A force causes an object to start moving, stop moving, speed up, slow down or change direction
- Air resistance is a contact force e.g. parachutes
- Water resistance is a contact force e.g. the shape of a shark to help it move easily through the water
- A mechanism allows a small force to move a larger object
- Pulleys, levers and gears are all mechanisms

Writing

- Warning tale
- Persuasive letter
- Non-chronological report
- Cinquain poetry

Religion Beliefs and values- Beliefs into action

Maths

- Place value
- Addition & Subtraction
- Multiplication & Division

Jigsaw

Being me in my world

Lost in space
What is there beyond Earth?

In story time we will be reading...

- The golden hand (Kevin Crossley Holland)
- When will the Sun go out? (Pearson online)
- Cosmic (Frank Cottrell Boyce)
- Silver (Walter de la Mare)
- Joe's Weird World (Pearson online)



MFL- Me and my friends

Music

Melody and harmony

Design Technology

We will be making a mini space ride using a CAM to make it turn and spin.



Computing

The children will be learning how to use Microsoft Word

