

Claygate Primary School  
**Topic Web Activities Planner**

**Mathematics**

- **Number: Multiplication and division**  
Multiplying 2, 3 and 4 digits by 2 digits.  
Dividing 4 digits by 1 digit with remainders
- **Number: Fractions**  
Equivalent and improper fractions  
Comparing, adding, subtracting and multiplying fractions.  
Finding fractions of amounts.
- **Number: Decimals and percentages**  
Understanding decimals to 2 decimal places  
Rounding, ordering and comparing decimals  
Understanding percentages, fractions and decimals
- **Problem solving and reasoning** - Diving deeper using mathematical vocabulary
- **Celebrating marvellous mistakes**

**Science: Space and Forces**

- What is a day, year?
- Why do we have seasons?
- How does the sun help us to measure time?
- How contact and non-contact forces make things start and stop moving.
- To develop an understanding of how forces including gravitational attraction and drag forces – friction, air resistance, water resistance, and up thrust in water – affect movement.

**Geography**

- Use the eight points of a compass (N, S, E, W, NW, SW, NE, NE) to give and to follow directions on a map. Describe locations using compass points.
- Use a large-scale map (such as 1:25000 OS map) to find the way around an area and relate position and features sighted to the map location.
- Locate the counties of England.
- Use an atlas to locate the main cities in England.
- Use atlases to find features of our planet Earth.

**PSHE/RE**

**PSHE**

Dreams and goals.  
Healthy Me.

**Judaism:** What are important times for Jews?

**Christianity:** How do Christians know what happened at Easter?

How do people express their beliefs through the Arts?

**Year 5  
Spring 2020  
'To Infinity and Beyond!'**

**English**

- **Informal letter writing** – Using the film clip Man on the Moon as a stimulus
- **Grammar** - revision of word classes, verb tenses, apostrophes, speech and dialogue. Paragraphing; devices to build cohesion. Adverbials as sentence openers. Apostrophes, commas, brackets and dashes.
- **Fiction texts** - Cosmic, Abridged War of the Worlds  
**Sci-Fi** - understanding the features of science fiction stories. Writing, editing and sharing own short stories.
- **Poetry** - Space poetry. Features: personification, alliteration, similes, metaphors. Imagine poems, winter poetry, list poems
- **Speaking and Listening** - Balanced argument  
**Debate** - Do UFOs exist? Deliver confident and persuasive arguments to convince an audience.

**Art / DT**

- Use sketch books to collect, record and evaluate ideas.
- Create scene inspired by Van Gogh's 'The Starry Night'.
- Study constellations and create image.
- Create a 3D model of the Solar System.
- Create phases of the moon using Oreo cookies.

**Music**

- Use Songs around topic
- Composition using Space as a stimulus.
- Exploring note clusters to give us amazing space sound,
- Group performance using own instruments and classroom instruments.

**PE**

- Netball, rugby and tennis
- Gymnastics

**Computing**

- E-safety - consider risks of online games and taking responsibility in online communities.
- Develop keyboard skills using Typing Club.
- Embed computer programming using "Scratch".

**French**

- Recap of French learnt
- Conversational French
- What do I look like?
- Making and playing French games