

Topic: Mysterious Materials - What is it made of?



Year 5 Summer Curriculum Map 2018

---

Topic: Mysterious Materials - What is it made of?





Core value focus: Responsibility

---

**KEY TEXT -**  
 Myths and Legends retold by Anthony Horowitz  
 This collection of myths from around the world links with our Literacy genre this term.

---

**English**  
**Myths (Fiction)**

- Make connections between the myth Prometheus and Pandora, other traditional tales and their own experiences.
- Understand that different characters are more important to the plot at different points in the story.
- Explore the narrator's point of view by looking at their description of characters' actions and their use of emotive language.
- Write a new ending for Prometheus and Pandora from Pandora's point of view, using ideas from the story and other traditional tales.

**Instructions (Non-Fiction)**

- Learn how instructions are organised to make them easy to follow.
- Identify key features of instruction texts.
- Consider the audience and purpose of different instruction texts.

---

**Mathematics**

**Number and Place Value**

- Understand the place value of each digit in numbers up to 1 000 000.

**Addition and Subtraction**

- Use multiple methods, including formal written methods, to add whole and decimal numbers with more than 4 digits.

**Multiplication and Division**

- Identify prime numbers up to 100
- Recall prime numbers to 19
- Describe and identify square and cube numbers.

**Fractions**

- Identify, write and name equivalent fractions including tenths and hundredths.

**Measurement**

- Read time to the nearest minute in the 12 hour clock.

**Geometry**

- Identify and describe the properties of 2d and 3d shapes.

**Statistics**

- Record and compare information in simple tally charts and pictograms.

**P.E.**

- P.E. lessons each Tuesday and Thursday afternoons (Real PE curriculum).
- Netball skills.

---

**Science**

- Compare and group together everyday materials on the basis of their properties; hardness, solubility, transparency, conductivity and response to magnets.
- Describe how to recover a substance from a solution.
- Filtering, sieving and evaporating.
- Demonstrate that dissolving, mixing and changing state are reversible.
- Explain that some changes result in the formation of new materials which is not usually reversible.

---

**Religious Education**  
 "Words of Wisdom - What can we learn from Christian, Sikh & Muslim wisdom?"

- Learn about the similarities and differences between the three religions.
- The values of stillness & silence in religion.

---

**Computing**

- We are game developers.
- Design characters and backgrounds to make an interactive game using Scratch.

**French**

- Masculine and feminine nouns
- French food
- Healthy food
- Expression and opinion
- Expressions of annoyance, impatience, disappointment, frustration, disbelief and joy.
- Adjectives that precede the noun.
- Adverbs of place/time.

---

**INTEGRATED CURRICULUM**  
**Geography/History**

- The invention of plastic
- How were the first plastics invented and used?
- Recycling
- How rubbish and landfill is affecting our world

**Art and Design**

- Learn about great artists, architects and designers in history.
- Create posters about the importance of recycling.

---

**Music**

- Learn to play a brass instrument.; trumpet, baritone or trombone.