

Science

Properties and changes of materials.

- Compare and group together everyday materials on the basis of their properties.
- Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution.
- Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating.
- Give reasons, based on evidence from comparative fair tests, for the particular uses of everyday materials, including metals, wood and plastic
- Demonstrate that dissolving, mixing and changes of state are reversible changes.
- Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate soda.

Year 5

Spring Term 2

Humanities

South America

Understand geographical similarities and difference through a study of human and physical geography of a region within South America

- Location
- Climate
- Mountain range
- Human geography
- Trade and industry

English

Core text: The Story of the Recycled Orchestra of Paraguay

Related text: The Lost Book of Adventure: from the notebooks of the Unknown Adventurer

Writing opportunities: Narrative, Poetry, Diary Entry, Letter, Newspaper report.

Key dates

Stay and lean with Y5- Parents welcome into class 31/01/2020

Swimming every Wednesday in Spring Term

Art

Art: Delve deep into the South American rainforests in the lessons as they create 3D rainforest animal art.

PE

Swimming

Spiritual, Moral, Social and Cultural (RE and PSHE)

RE- Islam

Explain why the five pillars of Islam support and challenge a Muslim to live as part of a bigger Islamic community, (the Umma) and contribute to the wider society.

Explain how a mosque shows that the idea of 'one' community is important to Muslims.

PSHE- Relationships

-To recognise what constitutes a positive, healthy relationship and develop skills to form and maintain positive and healthy relationships.

-To recognise in which a relationship can be unhealthy and who to talk to if they need support.

Computing

Algorithms and Programs

We are Game developers

- I can create an algorithm for a game
- I can create images and sounds for use in my game
- I can sequence instructions
- I can detect errors

Maths

- Time difference
Tables and Charts / Weather
- Fractions
- Multiplication
- Division