

Year 5 - Term 2 – What is Chemistry?

Synopsis

In this term, Year 5 will be learning about the properties and changes of materials. They will look at the hardness, solubility, transparency, electrical and thermal conductivity and response to magnets. They will look at dissolving materials and finding ways to separate materials using comparative and fair testing. We will then look and identify the differences between reversible and irreversible changes.

Science: Properties and changes of materials.

- Compare and group materials on the basis of their properties.
- Know some materials will dissolve.
- Identify how to separate mixtures.
- Comparative and fair test for the particular uses of everyday materials.
- Demonstrate that there are reversible changes.
- Explain that some changes result in the formation of new materials and are irreversible.

Art

- mix secondary and tertiary colours.
- demonstrate a secure knowledge about primary and secondary, warm and cold, complementary and contrasting colours.
- use brush techniques and the qualities of different paint to create texture.

Maths

- Addition and Subtraction – Add and subtract numbers with 5 digit numbers, decimal numbers with 3 decimal places and mixed decimal numbers
- Multiplication and Division: Powers of 10 – Multiply and divide a whole and decimal number by 10, 100 and 1000
- Multiplication and Division – prime numbers, common factors and multiples, square and cubed numbers

English

- Fiction – A finding tale including expanded noun phrases and speech to convey character.
- Non-fiction - Non-chronological report - double page spread linked to the RE outcomes.

Computing

Programming A – Selection in physical computing

Music

Charanga Classroom Jazz: The Three Note Bossa and Note Swing. This introduces the children to learning about the language of music through playing the glockenspiel.

PE

- Outdoor – Netball
- Indoor – Gymnastics

RE

- How does Hajj show what matters to Muslims in Britain?
- Why do Christians call Jesus the Messiah?

MFL – French

- I can talk about my house and where I live.
- Phonics 2

PSHE

Celebrating Differences: Different cultures, understand racism, understand types of bullying and compare my life.