



Science

Intent: To understand the properties and changes of materials.

SEQUENCE OF LESSONS

Properties and Changes of Materials

- 1 and 2. Irreversible changes - Burning.
- 3 and 4. Irreversible changes - Acids and bicarbonate of soda.
- 5 and 6. Reversible changes - Dissolving, mixtures and changes of state.
- 7 and 8. Separation by filtration and sieving.

Key Vocabulary:

properties, changes, materials, reversible, irreversible, burning, acid, alkali, filtration, sieving, dissolving, mixtures

Impact: Children can understand the properties and changes of materials.

Geography - Rivers

Intent: To recognize how rivers, people and land affect each other.

SEQUENCE OF LESSONS

1. The mighty River Indus.
2. The changing River Indus.
3. How rivers get their water.
4. How rivers shape the land: the young river.
5. How rivers shape the land: the mature river.
6. Britain's longest river: the River Severn.

Key Vocabulary: mountain, Tibet, Himalayas, Indus, India, Pakistan, glaciers, monsoon, tributaries, Arabian Sea, riverbed, turbulent, river levels, dams, reservoirs, canals, irrigation, irrigate, turbine hydro-electric, pala, delicacy, Sindh, province, revive, natural flow, evaporation, condenses, erosion, V-shaped valley, meanders, sediment

Impact: Children can recall what happens to rivers that affects the land. How the land affects the river. How rivers affect people and how people affect rivers.

History - Ancient Egypt

Intent: To understand in what ways ancient Egypt changed.

SEQUENCE OF LESSONS

1. Howard Carter gets a big surprise.
2. How did the ancient Egyptians live?
3. How did Egypt change over time?
4. What did ancient Egyptians believe?
5. What did ancient Egyptians believe about death?
6. How did the ancient Egyptians write?

Key Vocabulary: excavate, tomb, ruler, ancient Egypt, archaeologist, remains, hieroglyphic, valley of the kings, ebony, Tutankhamun, historian, civilization, BC, Nile, Mediterranean sea, kingdom, unity, crown, pharaoh, tax, enemies, priests, scribes, fertile, mine, pyramid, Giza, Amun Ra, Ankh, chariot, overpower, sacred carvings, Osiris, Isis, Ma'at, Anubis, afterlife, embalm, mummification, cartouche, papyrus

Impact: Children can recall key facts about the Ancient Egyptians and understand the changes throughout.

RE - A Hindu story: Rama and Sita

Intent: To understand what the story of Rama and Sita mean to Hindus.

SEQUENCE OF LESSONS

1. SEQUENCE OF LESSONS
2. An ancient story
3. Fours sons for the king of Ayodhya.
4. Rama and Sita leave the kingdom.
5. Rama, Sita and the demon Ravana.
6. Rama and Sita return.
7. Understanding the story of Rama and Sita.

Key Vocabulary: believers, Hindus, Indus, Rama, Sita, epic, Ramayana, Lakshmana, kingdom, subjects, succeeds, prosperous, Vishnu, embodiment, manhood, decree, banish, companion, oath, throne, symbol, victory, altar, demon, chariot, entranced, Hanuman, dharma, Diwali

Impact: To explain what the story teaches Hindus about light and dark dharma by using lots of examples of the story.

PSHE Intent: To understand the rights and responsibilities we have as members of our school community.

SEQUENCE OF LESSONS

1. My year ahead - setting goals
2. Understanding the rights I have as a citizen of my country.
3. Understanding the responsibilities I have as a citizen of my country.
4. Rewards and consequences and making our own choices about our behaviour.
5. Creating our learning charter
6. Owing our learning charter.

Key Vocabulary:

education, appreciation, opportunities goals, motivation, vision, hopes, challenge, rights, collaboration, communication

Impact: Children can understand the rights and responsibilities we have as members of our school community.

MUSIC Intent: To create and perform music inspired by Living on a prayer by Bon Jovi.

SEQUENCE OF LESSONS

6 progressive steps (lessons) based on the following activities:

1. Listen and Appraise 'Living on a Prayer' and other classic rock songs.
2. Warm Up Games and Flexible Games based around the c.
3. Learn to sing the song.
4. Learn to play the song using glockenspiels and other instruments.
5. Perform the song.

Key Vocabulary:

listen, appraise, evaluate, create, perform, rhythm, tempo, beat, arrangement, timbre

Impact: Children can create and perform music inspired by Living on a Prayer.

Year 5 Autumn Term 1 - 2024



Computing

Intent: 1. To code efficiently. 2. To understand how to stay safe online.

SEQUENCE OF LESSONS

Coding:

1. Coding efficiently.
2. Simulating a physical system.
3. Decomposition and abstraction.
4. Friction and Functions.
5. Introducing Strings.
6. Text variables and Concatenation.

Online safety:

1. Message in a game
2. Online behaviour
3. Screen time

Key Vocabulary:

abstraction, concatenation, coding, algorithm, debug, debugging, decomposition, debugging, function, physical system

Impact: Children can code efficiently and stay safe online.

PE

Intent: To learn and develop the skills and techniques needed in Outdoor Adventurous Activity and Gymnastics.

SEQUENCE OF LESSONS

Outdoor Adventurous Activities

1. Communicate and collaborate, 2. Agility and Endurance, 3. Navigation skills, 4. All about Maps, 5. Around the Grounds, 6. Orienteering around the grounds.

Gymnastics - Movement

1. Jumps and Leaps, 2. Rolls, 3. Vaulting, 4. Handstands, cartwheels and round-offs, 5. Linking Moves, 6. Performance

Key Vocabulary:

orienteering, map, compass, collaborate, communicate hurdle step, round off, pike, stag jump, split leap, springboard, vault

Impact: Children can learn and develop the skills and techniques needed in Outdoor Adventurous Activity and Gymnastics.

Art

Intent: To investigate the built environment through drawing and printmaking, learning about the work of architect Zaha Hadid and creating their own building designs.

SEQUENCE OF LESSONS

1. To apply observational drawing skills to interpret forms accurately.
2. To apply composition skills to develop a drawing into print.
3. To apply an understanding of architecture to design a building.
4. To extend design ideas through research and sketchbook use.
5. To explore and evaluate the intention of a design.

Key Vocabulary:

abstract annotate architect architectural architecture birds eye view, built environment, commemorate composition crop design design brief design intention elevation

Impact: Children can create a building design based on a theme or set purpose.