

Year 5: Spring 2 (February & March)

Topic: Materials (Science)

- What **materials** do we know and what are their **properties**? (*hard, soft, dense, smooth, waterproof, malleable, flexible, absorbent, electrical/thermal conductor*)
- What **materials** do we know and how are they **grown** or **processed**? (*Natural, man-made, materials, processed, raw materials, metal, wood, plastic, rubber, foil, cotton, paper, glass, etc.*)
- Can you name any inventors who created new materials?
- Why is it important to **reduce, reuse and recycle**?
- How can we **group** materials using their **properties**? (*hard, soft, dense, smooth, waterproof, malleable, flexible, absorbent, electrical/thermal conductor*)
- How can I **test** the **properties** of materials to see which will work best? (*investigation, fair test, purposes, equipment*)
- What is the **difference** between a **reversible reaction** and an **irreversible reaction**? (*heat energy, chemical reaction, burning, melting, cooling, change in state, states of matter, liquid, solid, gas*)
- What happens when materials are **mixed** with **water**? (*dissolving, mixing, particles*)
- What is **dissolving**?
- How can we speed up dissolving? (*particle size, surface area, heat, energy, equipment, water*)
- What is **filtration**? (*filtration, suspension, solution, mixture, particles*)
- How can **evaporation** be used to separate mixtures? (*heat, solution, energy, water vapour, change in states*)
- How can we **separated** different mixtures of materials? (*sieving, solution, mixture, particles*)

Art:

- What is **abstract** art? (modern art, it has colour, lines and shapes (form), but they are not intended to represent objects or living things)
- Can you name me two abstract **artist**, including a **female artist**? (Pollark, Kraisner, Mondrain)
- What was **unique** about **Lee Kraisner** Style?
- Who painted the **Convergence** and **Summer play**?
- Which abstract painting **style** is your favourite? Why?
- Can you create your own abstract art piece?

French: Les Pasetemps (hobbies)

- Which activities do you do? (*je joue au tennis, je joue au foot, je joue en ligne*)
- *je regarde la télé, je regarde un film, j'écoute la radio, j'écoute de la musique*
- What time is it? (*il est une heure, deux heures, trois heures et demie*)
- How can you talk about what other people do? (*il regarde la télé, elle écoute la radio*)
- Can you say what time /days you do these activities? (*lundi, je joue au tennis à quatre heures et demie*)

Music: Keyboards

- I can name up to 3 keyboard players from contemporary music (Jacob Collier, Jordan Rudess, Alicia Keys)
- I can play the c Major scale with the correct finger positions
- I can name up to 3 different types of electronic instrument (keyboard, synth, electric guitar, electric drum kit)
- I can name 3 popular genres that use keyboard (pop, house, electro, techno)

DT: Fabric

- How did you decorate your pannier bag?
- How is your bag innovative (Original)?
- How have you made your bag to appeal to your user?
- What features have included that will appeal to your user?

Computing: Making a game on Scratch

- What is an **algorithm**?
- What **blocks** would you use to make a **sprite move**?
- How can you **change the appearance** of a sprite?
- How can you add **variables** to a game?

RE: Christianity

- What does holy week teach Christians about love and forgiveness?
- Can you recall the events of holy week and the symbols connected to it?
- What do Christians believe happened on Easter Sunday morning?
- Can you give reasons why some people want to and some do not want to follow Jesus' teaching today?