

Year 4: Summer 2

Topic: States of Matter (Science)

- Recap: What is a **healthy diet**?
- What makes the **fizz** in fizzy drinks?
- What are the **states of matter**?
(solids, Liquids, gas, particles)
- Which foods are **solids** and **liquids** and how do we know the difference?
(solid, powder, liquid, molecules, (molecular) bonds, vibrating, movement, energy)
- Can you name some **gases** and tell me how they are used?
(molecules, (molecular) bonds, vibrating, fast movement, energy, methane, carbon dioxide, oxygen, air, helium, hydrogen, car fumes)
- Can you **group materials** based on their **state of matter**?
- What is **melting/cooling**?
(reversible/temporary, irreversible change/permanent, breaking bonds, molecules, heating, more energy, melting point, forming bonds, molecules, cooling, less energy, freezing point)
- How does **melting** and **cooling** change our food?
- Why does the **temperature** of a hot/cold drink change over time?
(thermometer, Celsius, cooling, heating, energy, temperature)
- Which **materials** are good **thermal insulators/conductors**?
(thermal, conductor, insulator, thermometer)
- Why is the **water cycle** so important?
(evaporation, condensation, precipitation, rain, sea, run-off, groundwater, evaporation, condensation)

Computing: Google Draw

- What can **drawing applications** be used for?
- How do you insert new **shapes** or **objects**?
- How do you change the **order** of objects?
- How can you **change the size** of objects and text?

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: Le chocolat chaud (hot chocolate)

- Can you give instructions in French?
- Which topic words and verbs will you use? (mesurer, chauffer, ajouter, fouetter, servir, le lait, le chocolat noir, la canelle, le noix de muscade)
- How would you tell someone to wash their hands? Pour in the milk etc? (lavez les mains, ajoutez le lait)
- Which time connectives will you use? (d'abord, ensuite, enfin)

DT: Structure

- What have you made?
- What materials/tools did you use?
- What type of structure is it?
- How can you make it stronger?

RE: Life journey (Christianity, Hinduism and Judaism)

- Explain the aims in Hindu life through Moksha and Dharma.
- How do Hindus honour the end of life and death through their ceremonies?
- Why do Christians, Hindus, Jews and people of no faith choose to share **vows** when they **marry**?
- What are the **similarities and differences** between the journey of life for Christians, Hindus and Jews?
 - Make comparisons between religious and non-religious celebrations.
 - How do celebrations and festivals help us reflect on life.

