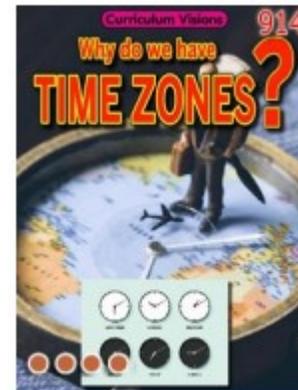
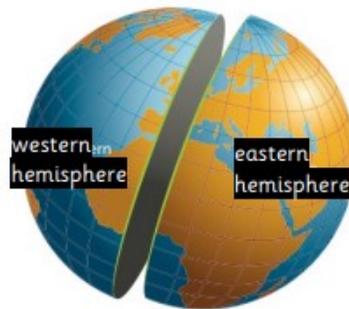
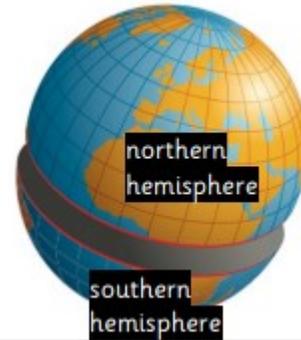
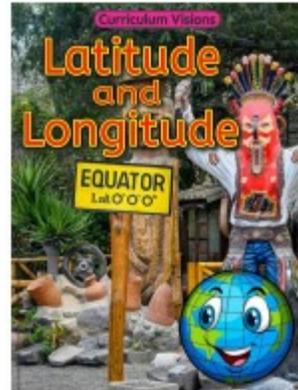


# KEY VOCABULARY

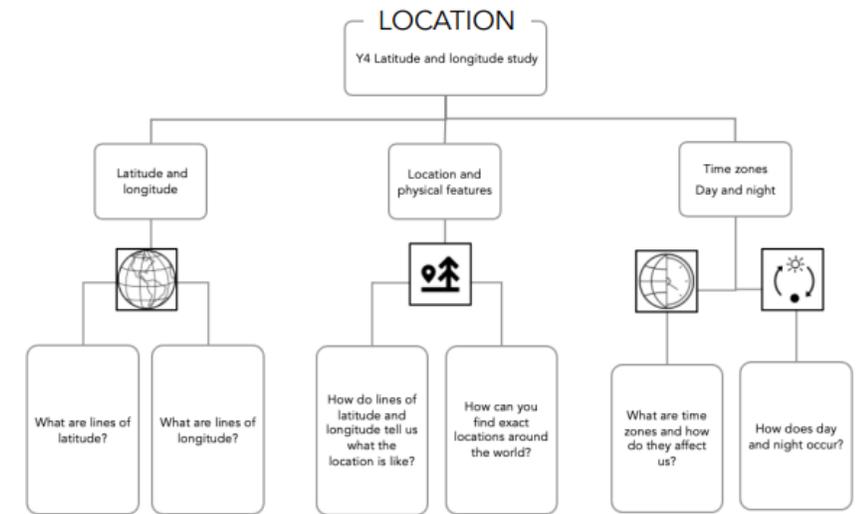
**Tier 2** multiple meaning or high frequency

|                |  |
|----------------|--|
| permanent      | existing all the time  |
| particle       | a very small piece of something  |
| solid          | a substance that is neither a gas nor a liquid   |
| liquid         | a substance that flows freely and is not a solid or a gas                                    |
| gas            | a substance that is neither a solid nor a liquid   |
| vapour         | small drops of liquid in the air   |
| co-ordinate    | each of a group of numbers used to indicate the position of a point, line or plane           |
| parallel       | two or more lines that are parallel to each other are the same distance apart at every point |
| determine      | to discover the facts about something; to calculate something exactly                        |
| circumnavigate | sail or travel all the way around something e.g. the world                                   |
| constitutes    | be (a part) of a whole   |
| straddle       | extend across both sides of  |

## Year 3 / 4 Spring 2 2023 Latitude and Longitude



### CURRICULUM ENHANCER STEM Event



Using skills and noticing geographical patterns to explain locations around the world.

As **geographers**, how would you tell someone where you live? Suppose you lived in Baku (which is far away in Asia) and you wanted to tell someone how to find you. Do you see the problem? You can't tell someone where you are unless you have a way of doing this. Finding your location is what latitude and longitude is all about.

### PSHE: Drug Education

In this unit, you will learn about different drug types and how they enter the bloodstream. You will develop your understanding of medicine use and the roles of health professionals and others who handle these drugs at work. You will develop your awareness and understanding of safety rules relating to medicines and extend these to consider ways of keeping safe. You will focus on two legal recreational drugs – nicotine and alcohol – considering the effects, why some people choose to use them and skills for reducing risk and harm. You will consider the impact of influence and persuasion and practise skills to help manage these, furthermore, how to tell and ask for help from trusted adults.

In **computing**, we are learning about how to create animated media.

In **PE**, we will be swimming and dancing.

As **artists**, we will be learning how to combine form and texture to build relief images and then create 3D insects, taking inspiration from Louise Bourgeois.

As **scientists**, we will be learning to compare and group materials together, according to whether they are solids, liquids or gases. Observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C). Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.

Louise Bourgeois

French-American Artist



Maman  
by Louise Bourgeois (1999)

**solid**

has its own shape

- it can't flow
- has a fixed volume
- particles **very close** and have a fixed position

tricky ones

a football is a solid  
sand is a solid  
fabric is a solid

**liquid**

takes the shape of the container

- can flow
- has a fixed volume
- particles **very close but not fixed**

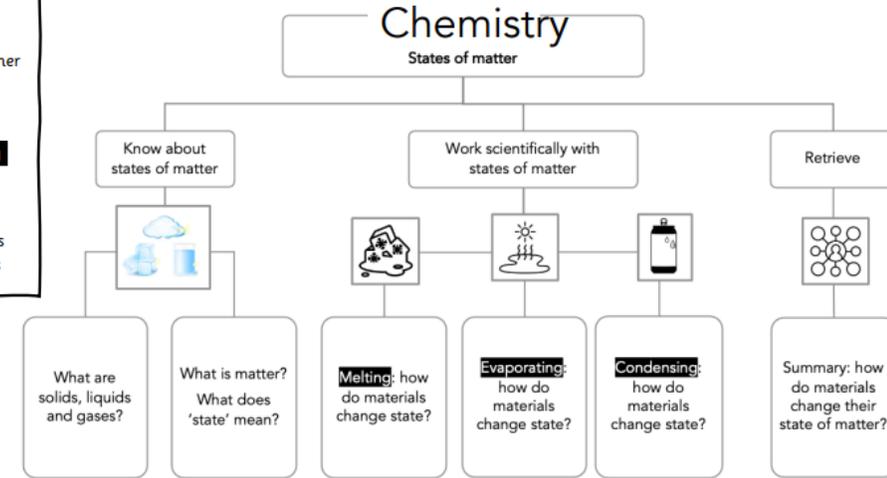
water is a liquid  
blood is a liquid

**gas**

will escape from a container

- can flow
- no fixed volume
- particles **moving apart** quickly

water vapour is a gas  
air is a mixture of gases  
carbon dioxide is a gas



**What should we know?**

A **Guru** is a teacher who gives guidance from God.

Sikh's believe:

- In one God 'Waheguru,' the most wonderful teacher.
- That no one religion is the only true way to Waheguru. We are all children of God.
- Guidance from God came to humans through ten Gurus.
- Guru Nanak was the first Guru. He wanted to teach people how they should live their lives and try to bring them into the light.
- The Guru Granth Sahib continues to lead those who choose to follow its teachings from Darkness to Light. Sikhs are encouraged to listen and meditate on its words.
- Repeating 'Waheguru' focuses the mind and helps you know God better.

Guru Nanak - All that matters is to love God in your heart and to worship God with all your soul.

Ik Onkar – one God.

Guru Granth Sahib

**What should we be able to do?**

Understand that **Guru** means teacher and the purpose of a **Guru** to share the light of God.

Describe what a Sikh might learn from stories of **Guru Nanak**.

Understand the significance of **Ik Onkar** as representing the Sikh belief in one god.

Describe how and why Sikhs show the **Granth** the respect due to a living guru and how this is like or different from how other holy books are treated.

Understand how a Sikh will listen to the true **Guru** through chanting and meditating.

In **French**, we will be listening to the music Carnival of the Animals, learning some animal names and thinking about how to describe them.

**LKS2** How does the teaching of the **gurus** move Sikhs from dark to light?