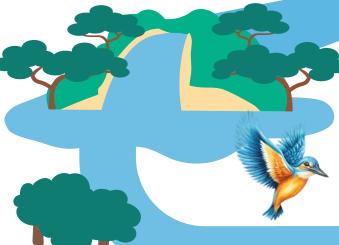
# Learning Flow

Term 2- Living Things and their Habitats

# What do we already know?

• Topic Toolkit Prior knowledge, What do we already know? What questions do we have? What is a significant individual? How might they have changed our world?





### What is a solid, liquid or gas?

• Describe, compare and sort.

I can describe the characteristics of different states of matter and group materials on this basis Gathering, recording, classifying and presenting data in a variety of ways to help in answering questions.

# What happens to a liquid when it is heated?

- If a liquid evaporates quickly what does this mean?
- Investigate

Setting up simple practical enquiries, comparative and fair tests.





# What happens to a liquid when it is cooled?

 What materials would keep the ice cold for the longest? - whole class investigation.

Recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables.



- Ask questions
- Investigate

Identifying differences, similarities or changes related to simple scientific ideas and processes.



I can describe how materials change state at different temperatures, using this to explain everyday phenomena, including the water cycle (Y4)



#### Significant Scientists

Bernard Palissy (1510-1590)

Bernard Palissy was a French potter and scientist. He 'discovered' the modern theory of the water cycle.



## What do we know now?

- Knowledge demonstration-video
- Quiz.
- Flashforward- Next term. What do we know?