

# What happens when water changes?



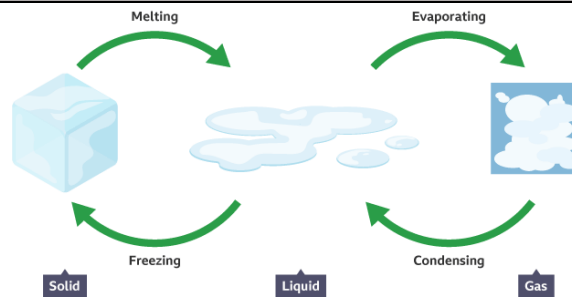
## Essential Project Pre-Learning

- Explore a range of materials, including natural materials
- Observe, measure and record how materials change when heated and cooled
- Compare how materials change over time and in different conditions
- Describe the simple physical properties of a variety of everyday materials
- Compare and group together a variety of everyday materials on the basis of their simple physical properties

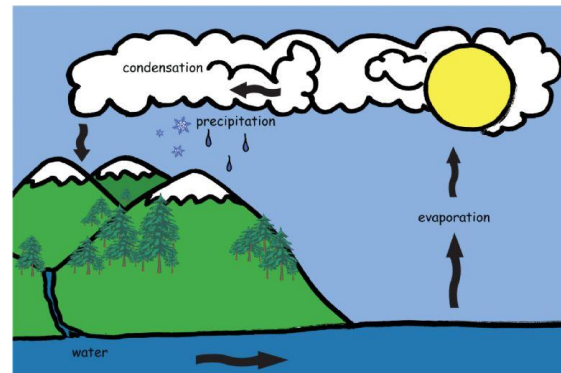


## Essential Project Learning

To know that when an object melts it changes from solid to liquid and that when an object freezes it changes from a liquid to a solid



To know that evaporation is when a liquid changes into a gas and that condensation is when a gas changes into a liquid



To know how these processes interact to form the water cycle

## Language Dozen

|                      |                                                                                                                                                                                                                      |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>transpiration</i> | The process by which plants release water vapour into the air through their leaves                                                                                                                                   |
| <i>collection</i>    | A group of similar items, data, or specimens that have been gathered together for a specific purpose, such as study, observation, or classification                                                                  |
| <i>vapor</i>         | A substance that has turned from a liquid into a gas                                                                                                                                                                 |
| <i>melting</i>       | The process where a solid turns into a liquid when it is heated, like ice turning into water                                                                                                                         |
| <i>melting point</i> | The temperature at which a solid turns into a liquid                                                                                                                                                                 |
| <i>boiling</i>       | Boiling is when a liquid changes into a gas, like water turning into steam when it's heated                                                                                                                          |
| <i>boiling point</i> | The temperature at which a liquid turns into a gas (like steam or water vapor) when heated                                                                                                                           |
| <i>evaporation</i>   | The process where a liquid, like water, changes into a gas, like water vapour, often due to heat from the Sun                                                                                                        |
| <i>condensation</i>  | The process where water vapour (a gas) in the air cools and turns back into liquid water                                                                                                                             |
| <i>temperature</i>   | A measure of how hot or cold something is, often measured using a thermometer in degrees Celsius (°C).                                                                                                               |
| <i>precipitation</i> | Any form of water, like rain, snow, hail, or sleet, that falls from the clouds to the Earth                                                                                                                          |
| <i>water cycle</i>   | The continuous journey of water on Earth, where it changes from a liquid to a gas (water vapor) through evaporation, forms clouds through condensation, and falls back to Earth as precipitation (rain, snow, sleet) |



**“A community of learners aiming high to Excel and Exceed!”**

**YEAR 4 SUMMER  
TERM 2026**

**Essential Question:**

***What happens when water changes?***

## **THE GOLDEN RULES**

Do as you are asked the  
first time.

Take care of everyone  
and everything.

Show **RESPECT** at all  
times.

**Good attendance is  
95%+.**

**Please remember  
to arrive on time!**



## **Project Outcome**

**Water Cycle  
animation**



## **Essential Project Person**



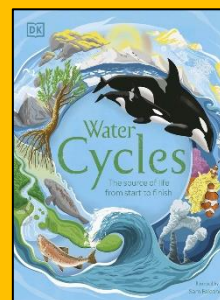
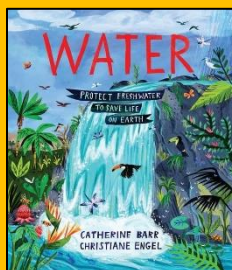
**Sir David Attenborough** is a British broadcaster, biologist, natural historian, and writer. While his earlier work focused primarily on the wonders of the natural world, his later work has been more vocal in support of environmental causes.

## **Key Dates**

**Summer Term starts on 13.04**

21/22.04- Severn Trent Water visit  
23/24.04- Parents' Evening  
04.05- Bank holiday  
8.05- Internet Legends assembly  
22.05- Aiming High assemblies  
22.05- Last day Summer 1  
25-29.05- Half term  
1.06- Back to school  
9-10.06- Walesby residential  
16.06- Arnold Road Church visit in school  
22.06- Assessment week  
26.06- INSET school closed  
29.06- INSET school closed  
06.07- In Harmony concert  
13.07- Sports week  
20.07- Reports out  
20.07- Aiming High assemblies  
22.07- Talent show  
24.07- Last day Summer 2  
27.07- INSET school closed  
28.07- School holidays begin

## **Additional Reading and Viewing**



## **Helpful Websites**

School Website  
TTRockstars  
Daily 10

## **Homework**

- Learning Logs will be checked in class every Friday
- Spellings will be set every Monday and tested every Friday
- Children are expected to regularly access TTRockstars, practising the tables they are working on

***Remember to read at least 5 days a week  
and have your Learning Log signed.***