

Friday 8th January 2021

Science – States of Matter

What do you already know about States of Matter? Think about solids, liquids and gases.

- Write what you already know in a thought bubble.
- You may not have anything to write down but remember that is OK!

Now Press Play Experience

- Log on to Now Press Play:

<https://nowpressplay.co.uk/>

- The password that you need is:

nowpressplay

- Follow the instructions to help you log in!

Create a key words poster for Science:

| Vocabulary | |
|----------------|--|
| condensation | small drops of water which form when water vapour or steam touches a cold surface, such as a window |
| cooling | lowering the temperature of something |
| evaporation | to turn from liquid into gas; pass away in the form of vapour |
| freezing | if a liquid or substance containing a liquid freezes, it becomes solid because of low temperatures |
| freezing point | The freezing point of a particular substance is the temperature at which it freezes. The freezing point of water is 0 degrees Celsius. |
| gas | a form of matter that is neither liquid or solid. A gas rapidly spreads out when it is warmed and contracts when it is cooled. |
| heating | raising the temperature of something |
| liquid | in a form that flows easily and is neither a solid or gas |
| melting | to change from a solid to a liquid state through heat or pressure |
| melting point | the melting point of a particular substance is the temperature at which it melts |
| particles | a tiny amount or small piece |
| precipitation | rain, snow, sleet, dew, etc, formed by condensation of water vapour in the atmosphere |

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| process | a series of actions used to produce something or reach a goal. |
| properties | the ways in which an object behaves |
| solid | having a firm shape or form that can be measured in length, width, and height; not like a liquid or gas |
| temperature | a measure of how hot or cold something is |
| vibrations | when something vibrates, it shakes with repeated small, quick movements |
| water cycle | the process by which water on the earth evaporates, then condenses in the atmosphere, and then returns to the earth in the form of precipitation |
| water vapour | Water in the gaseous state, esp. when due to evaporation at a temperature below the boiling point |