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| Year 4 Science – States of Matter – Autumn 2 | | | |
| What should I already know? | What am I going to learn in this unit? | Vocabulary I need to know | |
| * I can use classification keys to group, identify and name living things. * I understand how changes to an environment could endanger living things. * I know that living things can be grouped in a variety of ways | * I understand the different states of matter: solid, liquid and gas. * I understand how some materials can change state * I know the temperature at which some materials change state. * I know the part played by evaporation and condensation in the water cycle. * I understand the process of the water cycle * I can observe and record what I see in during experiments in notes and tables. * I can use a thermometer to measure temperature. * I can report of my findings to link it to my knowledge about states of matter. | Water Cycle  C:\Users\bantrobus\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\DBB32852.tmp | The process that all water follows as it moves around Earth in different states. |
| Condensation | The process of turning from a vapour/gas into a liquid. |
| Solid  C:\Users\bantrobus\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\D13D83A6.tmp | A substance or object that if firm and stable in shape. |
| Liquid  C:\Users\bantrobus\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\D13D83A6.tmp | A substance that flows freely but is a consistent volume. |
| Gas  C:\Users\bantrobus\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\D13D83A6.tmp | A substance that expands freely and has no fixed shape & volume. |
| Evaporation | The process of turning from liquid into vapour/gas. |