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|  | **Pathway 1** | ***KS4 Hybrid*** | **Spring 1**  **Topic: States of Matter** | |
| **Learning Intention**: This unit develops an understanding of the different properties of solids, liquids and gases and the water cycle. | | | | |
| **Key knowledge that should be learned during this SoW** | | All | Most | Some |
| **Concept:** | | Pupils will learn about solids, liquids and gases. Pupils will learn about their properties and how this affects their state. | | |
| **Knowledge:** | | To explore the states of matter | To recall the three states of matter | To recognise properties of solids, liquids and gases.  To identify the arrangement of particles and how compounds are formed. |
| **Key Skills:** | | Observational and explorative skills.  Communication and teamwork. | Scientific experiments.  Listing and identifying. | Compare and contrast. |
| **Language and/or communication skills:** | | Solid  Liquid  Gas | State  Matter  Changes | Same  Different |
| **Curricular Links** | | Geography, PSHCE, speaking and listening. | | |