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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:**  | SolidLiquidGas  | StateMatterChanges  | SameDifferent  |
| **Curricular Links** |  Geography, PSHCE, speaking and listening.  |