Science Knowledge Organiser Unit 6 - Materials

## Key Content (New Learning)

| Year 1 <br> Identify and name a variety of everyday materials including wood, plastic, glass, metal, water and rock. |  | Year 1 <br> Distinguish between an object and the material from which it is made. | Year 1 <br> Describe the simple physical properties of a variety of everyday materials. | Year 1 <br> Group together a variety of everyday materials on the basis of their simple properties. | Year 2 <br> Identify and suitability of everyday ma wood, metal, rock, paper particular us | mpare the ariety of als, including astic, glass, brick, cardboard, for | Year 2 <br> Explain of solid from som be chang squashin twisting | w the shapes jects made materials can by bending, d stretching. |
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| Unit Overview |  |  |  |  | Key Vocabulary |  |  |  |
| Lesson 1 | We will look around the school and class for items made of different materials. We will name both the items and the material it is made from. |  |  |  |  |  |  |  |
| Lesson 2 | We will experiment with different materials to help sort them into groups based on their properties. |  |  |  |  |  |  |  |
| Lesson 3 | We will experiment with different items to discover their properties. |  |  |  |  |  | 是 |  |
| Lesson 4 | We will look at how the same item can be made from different materials and discuss purpose and suitability linked to this. |  |  |  |  |  | sstic | opaque |
| Lesson 5 | We will experiment with changing the shapes of materials. |  |  |  |  |  | bendy |  |
| Lesson 6 | We will complete an investigation to help Diddy make a new umbrella. |  |  |  | Can You Squash It? (1) |  |  | Can You Stretch It? <br>  |
| End Point | End of Unit Assessment |  |  |  |  |  |  |  |

