



Science Knowledge Organiser – Uses of Everyday Materials. Year 1/2



Investigation Vocabulary

What materials can be used for?

Recycling - New uses for old materials

Designing materials and their designers

Bending and twisting

Making musical instruments

Forces - Squashing and Stretching

Investigating Friction

Topic Specific Vocabulary

| Vocabulary | Image | Definition |
|-----------------|-------|--|
| Materials | | Everything around us is made of materials. Wood, plastic, glass, metal, water and rock are common materials. |
| Properties | | Descriptions of materials such as; hard, soft, weak, heavy, smooth |
| Matter | | Is made from tiny building blocks |
| Suitability | | Materials can have useful properties for a given job. |
| Rigid/ Flexible | | A material that is fixed in its shape or the shape can be changed. |
| Friction | | When objects move across a surface there is friction when they rub against each other. |
| Force | | Applying forces to objects can change their shape. |
| Squashing | | Pressing down on something to change its shape. You can squash soft materials. |
| Bendy | | Materials that you can move over and down. |