Science Year 1 **Knowledge Organiser**	Topic: Materials

National Curriculum Statements

- Identify and name a variety of everyday materials, including wood, metal, plastic, glass, water and rock.
- Distinguish between an object and the material from which it is made.
- Describe the simple physical properties of a variety of everyday materials.
- Compare and group together a variety of everyday materials on the basis of their simple physical properties.

Key vocabulary
Material – Something that an item is made from.
Texture – How a material or substance feels.
Waterproof – Does not allow water to pass through.
Recycle – Putting a material through a process so that it can be used again.
Properties – A feature or characteristic of something. E.g. smooth.
Classify – Sorting items by similarities.
Observation – The process of carefully watching something.
Experiment – a scientific test which is done in order to discover what happens to something in particular conditions.









Key enquiry questions:

What are materials?

What are the most common and least common materials in school?

What happens to an ice cube over time?

Which materials can be recycled?

Which materials are waterproof?

Can you identify and classify everyday materials?

I am a scientist as I make discoveries and research how things work. I observe, measure, and talk about the results.