Parsonage Farm Nursery and Infant School

Year 1	Science	Autumn 2

Knowledge

- Distinguish between an object and the material from which it is made.
- Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water and rock.
- Describe the simple physical properties of a variety of everyday materials, such as: hard/soft, stretchy/stiff, shiny/dull, rough/smooth, bendy/not bendy, waterproof/not waterproof, absorbent/not absorbent, opaque/transparent.
- Compare and group together everyday materials, thinking about their properties.



Safeguarding

- Dangerous material e.g. sharp edges
- Small pieces e.g. Lego etc…
- Practical test may involve water, wind (hair dryer)

Prior Knowledge (EYFS)

- Children know about similarities and differences in relation to places, objects, materials and living things.
- Explore the natural world, make observations and draw pictures, understand some important processes and changes in the natural world.

Key Question - How can we describe materials?

Key Vocabulary

- object
- water
- material
- rock
- wood
- brick
- plastic
- paper
- glass
- fabric
- metal
- elastic
- card
- see-through
- not see-through

Key Vocabulary

- rubber
- wool
- clay
- hard
- soft
- stretchy
- stiff
- bendy
- rough
- waterproof
- smooth
- shiny
- break
- tear
- dull

Skills

- Ask simple questions and recognise that they can be answered in different ways.
- Perform simple tests to explore questions.
- Collect and record data to help in answering questions.