



Knowledge Organiser: Year 1 Science – Summer 1 – V4 2023



Children will know:

Materials – Extended Unit

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

Working Scientifically:

- Predict which materials will be waterproof.
- Evaluate a tested shelter.
- Test different materials.
- Explain their results.
- Use a sorting diagram to classify materials.
- Ask questions to identify materials.

Prior Learning Links:

EYFS – Nursery F1

- Explores collections of materials with similar and/or different properties.
- Talks about the differences between materials and changes they notice.
- Makes simple predictions with support.

EYFS – Reception F2

- Comments on unknown objects, based on their own exploration.
- Makes simple predictions with support.
- Carries out simple set up experiments (sorting materials) that enables them to talk about similarities – classifying.

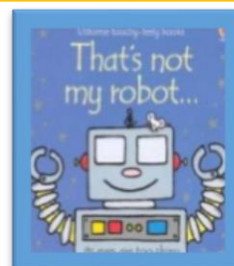
Key Vocabulary:

- | | | | | |
|------------|-----------|-------------|--------------|-------------|
| • Object | • Water | • Foil | • Soft | • Absorbent |
| • Material | • Rock | • Cardboard | • Stretchy | • Rough |
| • Wood | • Brick | • Rubber | • Stiff | • Smooth |
| • Plastic | • Paper | • Wool | • Bendy | • Shiny |
| • Glass | • Fabric | • Clay | • Floppy | • Dull |
| • Metal | • Elastic | • Hard | • Waterproof | |

Future Learning Links:

Year 2 – Materials

Reading Recommendations



Tim Peake



MacIntosh