

WHITLEY MEMORIAL C of E AIDED PRIMARY SCHOOL



'Let your light shine' – Matthew 5:16

Curriculum Planning Subject: SCIENCE

Unit: Materials

| | | | | | |
|------------|------------|-----------|-----------|-----------|-----------|
| Y1 | Y1 | Y3 | Y4 | Y5 | Y6 |
| yes | yes | - | - | - | - |

| Year Group | Y1 | Y2 |
|--|---|---|
| <p>Key Learning: National Curriculum knowledge covered</p> | <p>To distinguish between an object and material from which it is made. To 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. To compare and group together, a variety of everyday materials on the basis of their simple physical properties.</p> | <p>Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses. Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.</p> |
| <p>Key Progressive Skills: National Curriculum skills covered</p> | <p>Working scientifically to perform a simple test to explore the questions, What is the best material for a coat for Ada Twist. Observing closely, using pipets and beakers and petri dish. Begin to answer scientific questions by carrying out practical activities, using their observations to suggest answers. Making predictions, Gathering and recording data and begin to talk about what they have found out and how they found it out. Communicate findings in a</p> | <p>Identify and discuss uses of everyday materials. Compare uses of these materials Observe closely Identify and classify Record observations</p> |

WHITLEY MEMORIAL C of E AIDED PRIMARY SCHOOL



'Let your light shine' – Matthew 5:16

| | | |
|--|--|--|
| | written format using simple scientific language, Comparing objects and materials and sorting and grouping materials, with help and independently. | |
| Key Vocabulary National Curriculum and other | Materials, Wood, plastic, glass, metal. Rock. Properties, hard, soft, stretchy, stiff, shiny, dull, rough, smooth, bendy, not bendy, waterproof, not waterproof, absorbent, not absorbent, opaque, transparent. Brick, paper, elastic, foil and fabrics. | Everyday Materials Plastic Wood Metal Paper Glass Brick Rock Cardboard Squashing Bending Twisting Stretching Properties Suitable Unsuitable Purpose Compare Identify Classify Record Observe |