

Science Knowledge Building 1

Know that some materials can be changed without breaking e.g. squashing, bending twisting	Know how to pose questions and attempt to answer using simple evidence in a materials experiment	Know how to make more detailed observations of materials in order to explain why some are more suited to tasks than others	Know and understand more complex language related to materials including rigid, opaque and brittle	Know, in more depth, why certain materials are selected for certain jobs	Design / Technology links - know how to design and make simple objects with suitable materials with reasons for choice
Know that some materials can undergo simple changes, such as being torn or broken	Know that it is possible to suggest what might happen in a simple materials experiment	Know how to make simple recordings of how materials perform in simple tests	Know and understand language related to simple materials e.g. hard, soft, rough, smooth	Understand the importance of suitable materials for different jobs	Design / Technology links - know how to design and make simple objects using different materials
Identify simple processes and explain in basic terms how they happen	Know the key parts of a simple scientific method	Know how to use simple equipment in observing and recording	Understand some vocabulary linked to specific area of science e.g. animals - species	Know that science is used in a range of everyday situations, both in and outside the classroom	Identify clear connections between science, technology and mathematics for basic experimenting
Processes and Changes	Methods	Observing and Recording	Scientific Vocabulary	Uses and Implications	Cross-Curricular (STEM)

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