

Materials



Oak Class

Autumn

2019

Science - Everyday Materials

Key Questions:

- Which materials could we use to fix a torn umbrella?
- How can we test to see which is the best material for an umbrella?
- Which material is the most absorbent?
- How can we make materials waterproof?
- What happens to ice as it melts?
- How can we speed up or slow down the melting of ice?
- What are puddles made of?
- How and why do puddles change?

Key Concepts:

- Recognise the difference between the name of an object and the material from which it is made.
- Identify everyday materials (metal, plastic, glass, wood, water, rock).
- Describe the physical properties of everyday materials.
- Understand why the properties of materials make them suitable or unsuitable for particular purposes.
- Recognise how everyday materials can be changed.

Vocabulary: materials, properties, break, tear, absorbent, waterproof, strong, weak, hypothesis, observe, measure, record, frozen, melt, water