

Science Worksheet

Exploring Properties of Materials (Foundation to Year 2)

Australian Curriculum Links:

- **Science Understanding:** Chemical sciences
 - Foundation Year: Objects are made of materials that have observable properties (ACSSU003)
 - Year 1: Everyday materials can be physically changed in a variety of ways (ACSSU018)
 - Year 2: Different materials can be combined for a particular purpose (ACSSU031)
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Name: _____

Date: _____

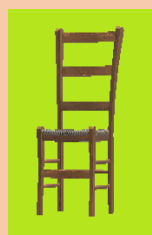
Exploring Properties of Materials

Part 1: Identifying Materials

Look at the objects below. Write down what material each object is made from (e.g., wood, plastic, metal, fabric).

1. Chair

Material: _____



2. Water Bottle

Material: _____



3. Spoon



Material: _____

4. T-shirt



Material: _____

Part 2: Sorting Materials

Sort the following materials into the correct categories: **Metal, Plastic, Wood**

- Paperclip
- Toy Car
- Tree Branch
- Bottle Cap
- Wooden Spoon
- Ruler

Metal	Plastic	Wood

Part 3: Describing Properties

Describe the properties of the following materials by choosing the correct words. Use words like: hard, soft, bendy, smooth, rough, heavy, light.

1. Glass

Properties: _____

2. Cotton

Properties: _____

3. **Rubber**

Properties: _____

4. **Steel**

Properties: _____

Part 4: Testing Materials

Experiment: Which material is the best for making a raincoat?
Circle the materials you would test.

- Paper
- Plastic
- Fabric
- Wood

Why do you think this material is best for a raincoat?

Part 5: Combining Materials

Look at the pictures of these objects. What materials are they made from?

1. **Pencil**

Materials: _____



2. **Shoes**

Materials: _____



3. **Book**

Materials: _____



4. Bicycle



Materials: _____

Part 6: Drawing and Labelling

Draw an object you use every day and label the materials it is made from.

My Everyday Object:

Materials:

1. _____
 2. _____
 3. _____
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Teacher's Notes:

- Encourage students to feel and touch different materials in the classroom.
- Discuss why certain materials are chosen for specific objects based on their properties.
- Reinforce the idea that materials have different properties that make them suitable for different uses.
