

## Lesson 2

# Material Hunt

Prep  
Science



**Duration:**  
40 minutes



### Lesson Focus:

Identifying common materials that everyday objects are made from.



### Resources



Lesson Story YouTube: Material Hunt from (Banjo Education Support YouTube Channel.)



Material Hunt visual/cards



Safe classroom objects made from wood, plastic, metal, glass, rubber and fabric



Student Material Hunt worksheet



Pencils

### Resource Purpose

The story introduces common material names in context. Students then hunt for real examples, inspect them and record evidence rather than only copying examples from the story.

### Success Criteria

- ✓ I can name common materials.
- ✓ I can identify what an object is made from.
- ✓ I can use observations to explain my choice.

### Learning Intention



We are learning to identify the materials that everyday objects are made from.



### Key Vocabulary

material • object • wood • plastic  
metal • glass • rubber • fabric  
observe • property

## 40-Minute Lesson Sequence

| Time      | Lesson Stage      | Teacher Actions                                                                                                                            | Student Actions                                               |
|-----------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| 0–5 min   | Engage / Hook     | Hold up two objects used for the same purpose but made from different materials. Ask: Are these made from the same thing?                  | Observe, predict and share existing ideas.                    |
| 5–13 min  | Lesson Story      | Play/watch Material Hunt. Pause at key examples so students can name or predict the material before the story reveals it.                  | Watch, listen, respond to prompts and make predictions.       |
| 13–18 min | Explicit Teaching | Explicitly distinguish object from material. Model: spoon = object; metal/plastic = material. Compare visible and touch properties safely. | Identify the key scientific idea and practise vocabulary.     |
| 18–28 min | Hands-On Activity | Students complete a supervised classroom Material Hunt, locating examples of the six focus materials and discussing the evidence for each. | Investigate collaboratively and use observations as evidence. |
| 28–35 min | Worksheet Task    | Students draw or record objects found and match/name the material each object is made from.                                                | Record the most important evidence from the activity.         |
| 35–38 min | Analyse & Discuss | Share examples. Discuss how one object can contain more than one material.                                                                 | Share findings, compare ideas and justify responses.          |
| 38–39 min | I Wonder...       | Why might the same type of object sometimes be made from different materials?                                                              | Develop or discuss a scientific question.                     |
| 39–40 min | Exit Ticket       | Choose one classroom object and say what material it is made from.                                                                         | Give one individual evidence-based response.                  |



### Explicit Teaching

**Scientific Idea:** Objects are made from materials. Common materials include wood, plastic, metal, glass, rubber and fabric.

**Board Model:**

OBJECT



MADE FROM



MATERIAL



### Student Investigation

Story → hands-on activity → worksheet evidence. Students first encounter the scientific idea through the lesson story, then apply it with real objects/materials, and finally record only the key evidence needed to show their understanding.

**Investigation Prompt:**

What does our evidence tell us?



### Teacher Questioning

- What do you notice?
- What evidence supports your idea?
- What is the same? What is different?
- Which science word describes this?
- How do you know?
- What happened when you tested it?



### Expected Big Idea

Objects are made from materials. Common materials include wood, plastic, metal, glass, rubber and fabric.



### Curriculum Links – Prep (AC v9)

|          |                                                                                                         |
|----------|---------------------------------------------------------------------------------------------------------|
| AC9SFU03 | Recognise that objects can be composed of different materials and describe their observable properties. |
| AC9SFH01 | Explore how people use observations and questions to learn about the natural world.                     |
| AC9SFI01 | Pose questions and make predictions based on experiences.                                               |
| AC9SFI02 | Engage in explorations safely and make observations using the senses.                                   |
| AC9SFI03 | Represent observations using provided structures and identify patterns with guidance.                   |
| AC9SFI05 | Share questions, predictions, observations and ideas with others.                                       |

Name: \_\_\_\_\_



## LESSON 2 STORY

# Mia and Noah's Material Hunt

**Science Detective Mission #2**  
 Today's mission is a **Material Hunt!**  
 Your challenge is to find something made from each of these materials.

|           |          |
|-----------|----------|
| • Wood    | • Glass  |
| • Plastic | • Rubber |
| • Metal   | • Fabric |

**Your Turn! Find something made from each material.**  
**Draw it and describe what it is like.**

### 1. WOOD

It is \_\_\_\_\_

### 2. PLASTIC

It is \_\_\_\_\_

### 3. METAL

It is \_\_\_\_\_

### 4. GLASS

It is \_\_\_\_\_

### 5. RUBBER

It is \_\_\_\_\_

### 6. FABRIC

It is \_\_\_\_\_

- Remember to:**
- Look carefully.
  - Touch gently.
  - Talk about what you notice.
  - Draw a picture of what you find.



**Think About It!**

- ★ Which material felt the hardest? \_\_\_\_\_
- ★ Which material felt the softest? \_\_\_\_\_
- ★ Which material was smooth? \_\_\_\_\_
- ★ Which material was rough? \_\_\_\_\_
- ★ What was your favourite thing you found? \_\_\_\_\_

**What Did You Learn?**

Objects are made from different materials.  
 Each material has different properties.  
 Scientists look closely, observe, ask questions and discover amazing things all around us!

**Fantastic work, Science Detectives!**  
 You discovered that objects are made from different **materials**.  
 Every material has different **properties**.  
 Keep looking closely... because there are amazing science discoveries everywhere!