

Lesson 3

Texture Treasure Hunt

Prep
Science



Duration:
40 minutes



Lesson Focus:

Observing and comparing the textures of materials and surfaces.



Resources



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



Texture word/visual cards



Safe textured objects/surfaces



Paper and crayons for
texture rubbings



Student Texture Treasure
Hunt worksheet



Pencils

Resource Purpose

The story gives students language for texture. The treasure hunt and rubbings make texture visible and tactile, while the worksheet captures a small number of purposeful comparisons.

Success Criteria

- ✓ I can describe how a surface feels.
- ✓ I can compare two textures.
- ✓ I can group materials using texture words.

Learning Intention



We are learning to observe, describe and compare the textures of materials.



Key Vocabulary

texture • smooth • rough •
bumpy • soft • hard • surface •
material • compare • observe

40-Minute Lesson Sequence

Time	Lesson Stage	Teacher Actions	Student Actions
0–5 min	Engage / Hook	Pass around one smooth and one rough safe object. Ask students to describe them without naming them.	Observe, predict and share existing ideas.
5–13 min	Lesson Story	Play/watch Texture Treasure Hunt. Encourage students to copy the science words used to describe different surfaces.	Watch, listen, respond to prompts and make predictions.
13–18 min	Explicit Teaching	Model safe touch and texture vocabulary. Explain that texture is how a surface feels or appears.	Identify the key scientific idea and practise vocabulary.
18–28 min	Hands-On Activity	Students complete a texture hunt and make several crayon rubbings from suitable surfaces, comparing the patterns produced.	Investigate collaboratively and use observations as evidence.
28–35 min	Worksheet Task	Students record/draw examples of different textures and identify a similarity or difference between two examples.	Record the most important evidence from the activity.
35–38 min	Analyse & Discuss	Sort examples by texture and discuss cases that could fit more than one description.	Share findings, compare ideas and justify responses.
38–39 min	I Wonder...	Does every material have only one texture? What could make the texture change?	Develop or discuss a scientific question.
39–40 min	Exit Ticket	Describe one material using a texture word and evidence.	Give one individual evidence-based response.



Explicit Teaching

Scientific Idea: Materials have observable textures that can be described and compared.

Board Model:



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

Materials have observable textures that can be described and compared.



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.



LESSON 3

Mia and Noah's Texture Treasure Hunt



SCIENCE DETECTIVE MISSION #3

Today's mission is a Texture Treasure Hunt!

Can you find different textures around your school?
Use your pencil to make a texture rubbing.

Remember to:

- Look carefully.
- Feel gently.
- Describe the texture using science words.
- Make a rubbing by placing your paper over the object and gently rubbing the side of your pencil across the paper.

Collect as many different textures as you can!



Name: _____

1 The Tree



2 The Brick Wall



3 The Wooden Bench



4 The Drain Cover



5 The Playground Pole



6 The Leaves



KEY VOCABULARY

observe senses object material property



texture rough smooth bumpy patterned lines



hard soft heavy light flexible smell sound

