

Science

Everyday Materials

bendy

watch

smooth

Properties



Aim

- I can describe the properties of everyday materials.

Success Criteria

- I can choose words which describe how materials look.
- I can choose words which describe how materials feel.

Keywords



Think of the word list we made in the first lesson.

Can you remember any of words we used to describe the materials?

What do they mean?



Keywords



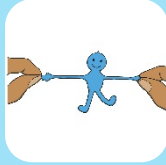
Can you remember the keywords?



hard



soft



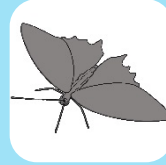
stretchy



stiff



shiny



dull



rough



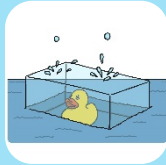
smooth



bendy



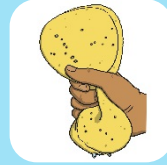
not bendy



waterproof



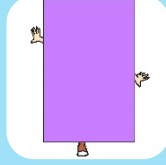
not
waterproof



absorbent



not
absorbent



opaque



transparent

Click to reveal the keyword.

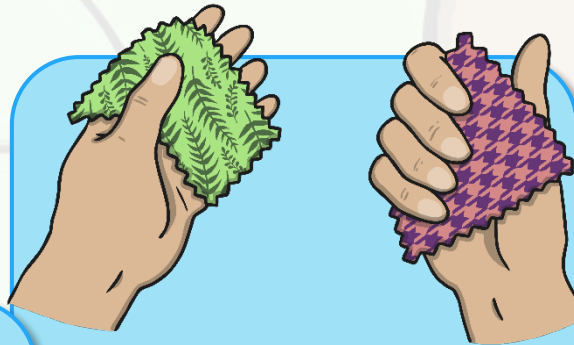
Describing Materials



Look at and feel the materials and objects. Think about these questions:



What do they look like?

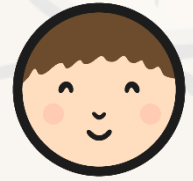


How do they feel?



Which words would you use to describe them?

Description Activity



Description

Look at the pictures and read the sentences. Choose the right words from the word bank at the bottom of the page to make the sentences make sense. Then have a go at describing the properties of some materials yourself.



Rock is _____.



Plastic is _____.



Wood is _____.



These jars are made from glass.
Glass is _____.

smooth	rough
transparent	hard

Photos courtesy of (shkaf_2000), woodlegendworks, Cdjen, and RicoRick (@flickr.com) - granted under creative commons licence - attribution

Description

Now have a go at describing these materials yourself.



Wood _____



Metal _____

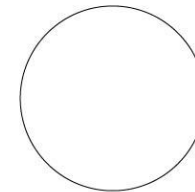


Plastic _____

Photos courtesy of (Kat_), mskoch and tamen in Virginia (@flickr.com) - granted under creative commons licence - attribution

Properties Poster

Write a sentence which describes one of these materials: wood, plastic, glass, metal, water or rock. Write the sentence in the middle, and then add the properties and some examples of objects which are made of that material around the outside.



Feely Bag



Listen to the description.



Look at your sheet, which material do you think is being described?

Aim



- I can describe the properties of everyday materials.

Success Criteria

- I can choose words which describe how materials look.
- I can choose words which describe how materials feel.



Scientific Vocabulary Mat



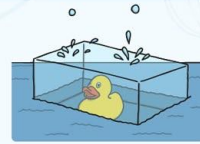
stretchy



wood



absorbent



waterproof



dull



shiny



not bendy



soft



glass



metal



water



rock



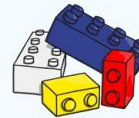
not waterproof



not absorbent



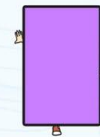
smooth



plastic



materials



opaque



hard



rough



stiff



bendy



transparent














Everyday Materials: Properties

Aim: To describe the simple physical properties of a variety of everyday materials by looking at and touching different materials. I can describe the properties of everyday materials.	Success Criteria: I can choose words which describe how materials look. I can choose words which describe how materials feel.	Resources: Lesson Pack Pencils
	Key/New Words: Describe, properties, hard, soft, stretchy, stiff, shiny, dull, rough, smooth, bendy, not bendy, waterproof, not waterproof, absorbent, not absorbent, opaque, transparent.	Preparation: Gather a selection of materials and objects made of different materials. Feely bag, rock, wood, plastic and metal. Pre-cut Everyday Materials Vocabulary Cards - as required Differentiated Description Activity Sheet - as required Everyday Materials Word Mat - as required Feely Bag Activity Sheet - 1 per child

Prior Learning: Children will have handled and learned the names of everyday materials in lesson 1.

Learning Sequence

	Keywords: Recap the keyword list which was compiled at the end of lesson one. Go through the words and explain what they mean. Display the words on the Lesson Presentation - did children think of any of these words? Explain these words are known as 'properties'.	
	Describing Materials: Let children explore a range of materials and objects made from different materials. Encourage children to describe what materials look like and how they feel. Give each child a card from the Everyday Materials Vocabulary Cards and ask them to put it next to a material or an object which has that property. Shuffle the cards and then repeat several times. Encourage children to explain their thinking. <i>Are children able to select words which describe the materials?</i>	
	Description Activity: Children use the differentiated Description Activity Sheet (MA and HA) to describe the properties of the materials, using the Everyday Materials Word Mat to support them. <i>Are children able to choose words which describe the materials?</i>	
	<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>Using a set of materials, children describe the properties to one another.</p> </div> <div style="text-align: center;">  <p>Children match the properties to the correct picture.</p> </div> <div style="text-align: center;">  <p>Children create a poster describing a chosen material. Describe the properties of the material and objects which can be made from it.</p> </div> </div>	
	Feely Bag: Choose a child to describe a material from the feely bag to the class, just by touching it. Children look at their Feely Bag Activity Sheet to help work out which material is being described. <i>Question children as to why they think it's a particular material or why they don't think it's a particular material.</i>	

Taskit

Describeit: Children find different examples of materials at home and write sentences describing them.

Drawit: Children draw different objects and label the materials they are made from.

Everyday Materials | Properties

I can describe the properties of everyday materials.		
I can choose words which describe how materials look.		
I can choose words which describe how materials feel.		

Everyday Materials | Properties

I can describe the properties of everyday materials.		
I can choose words which describe how materials look.		
I can choose words which describe how materials feel.		

Everyday Materials | Properties

I can describe the properties of everyday materials.		
I can choose words which describe how materials look.		
I can choose words which describe how materials feel.		

Everyday Materials | Properties

I can describe the properties of everyday materials.		
I can choose words which describe how materials look.		
I can choose words which describe how materials feel.		

Everyday Materials | Properties

I can describe the properties of everyday materials.		
I can choose words which describe how materials look.		
I can choose words which describe how materials feel.		

Everyday Materials | Properties

I can describe the properties of everyday materials.		
I can choose words which describe how materials look.		
I can choose words which describe how materials feel.		

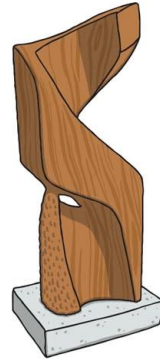
Everyday Materials | Properties

I can describe the properties of everyday materials.		
I can choose words which describe how materials look.		
I can choose words which describe how materials feel.		

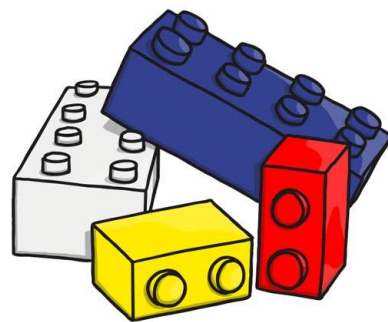
Everyday Materials | Properties

I can describe the properties of everyday materials.		
I can choose words which describe how materials look.		
I can choose words which describe how materials feel.		

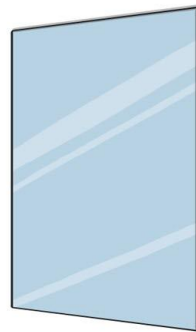
wood



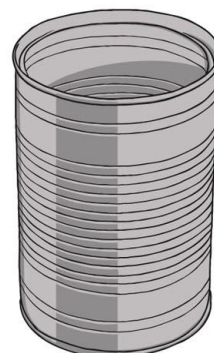
plastic



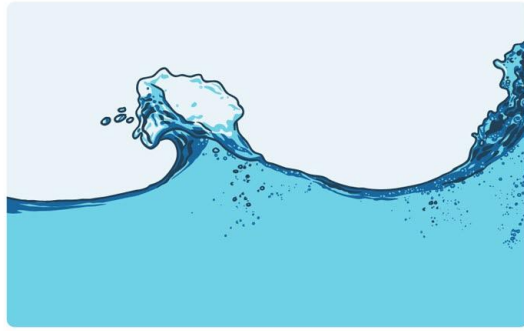
glass



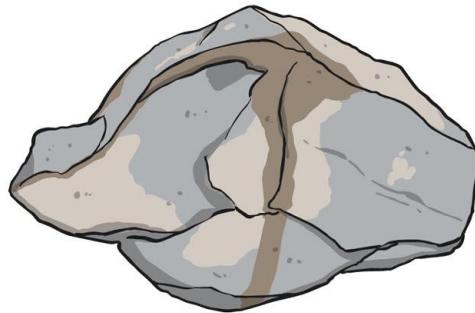
metal



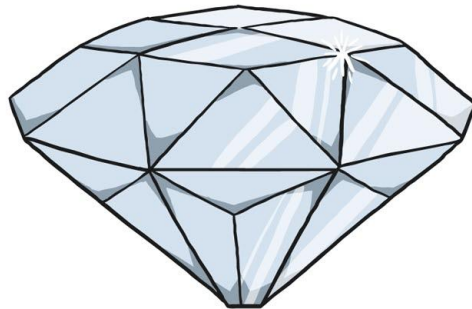
water



rock



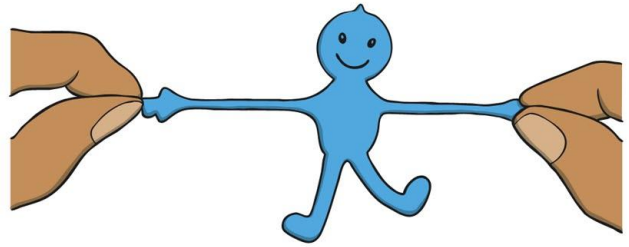
hard



soft



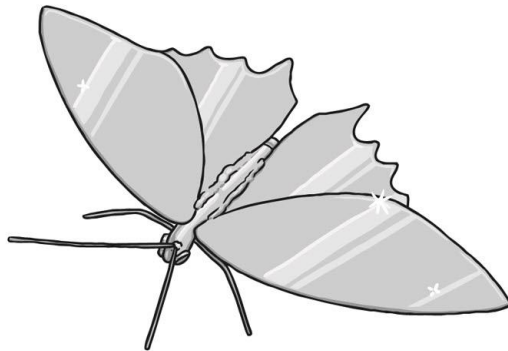
stretchy



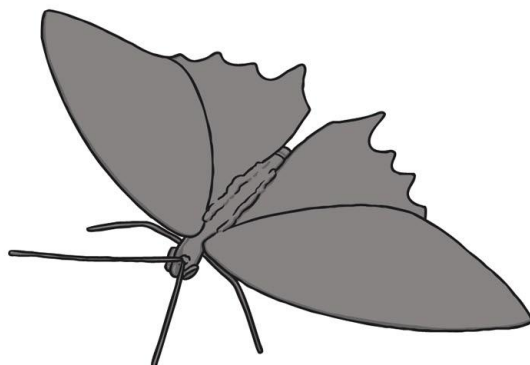
stiff



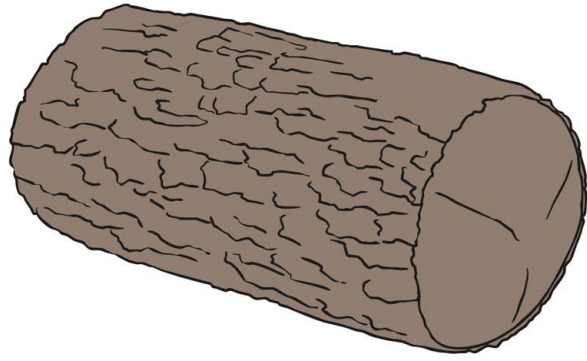
shiny



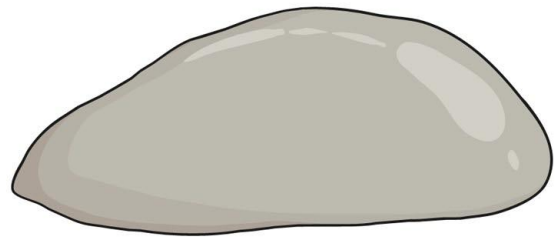
dull



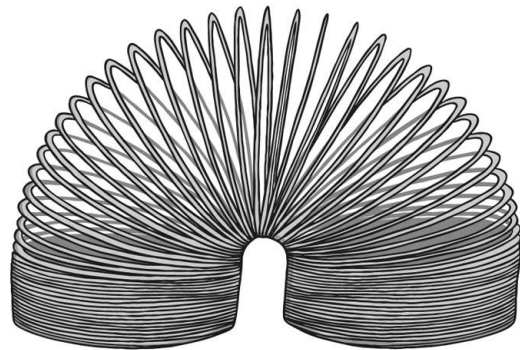
rough



smooth



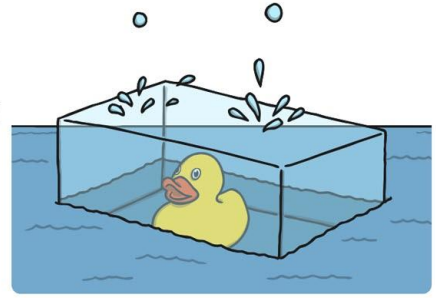
bendy



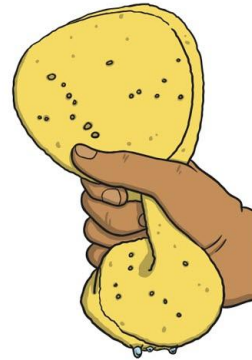
not bendy



waterproof



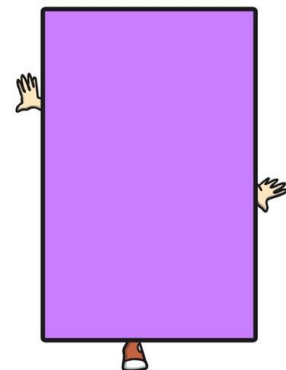
absorbent



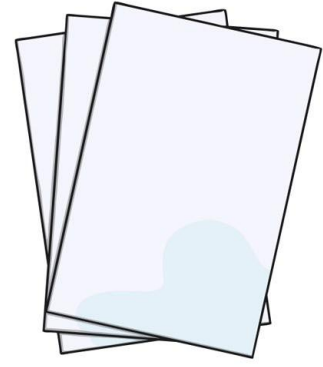
transparent



opaque



**not
waterproof**



**not
absorbent**

