

Rough and Smooth



Topic: Things and places

Curriculum link: Physical Phenomena; Materials

Text type: Compare and contrast/report

Reading level: 6

Word count: 172

High-frequency words: some, are, and, in, this, made, from, it, is, to, your, do, not, on, the

Vocabulary: smooth, rough, plastic, metal, wood, rubber, slide, ball, pole, grater, floor, bridge, swimming, cap, water, tyre, grip, ground

Possible literacy focus:

Reading Carroll diagrams (page 16).

Using the text to draw inferences about how the surface of a material affects its slipperiness.

Follow-up activities

Data chart

Look at the chart on page 16. Ask the children to explain what it means.

Draw up a chart like this, but without the examples. With the children's help, fill in the chart with different examples for each box.

	Rough	Smooth
Plastic		
Metal		
Wood		
Rubber		

Playground spotter

Go for a walk in the playground. Ask the children to look for any rough and smooth surfaces that help them when they are playing, e.g. slide, wood chips, basketball court, monkey bars. Back in the classroom, discuss what the children saw.

What is it made from?

Give the children four large sheets of paper with headings written on them. Ask them to list as many objects as they can on each sheet of paper.

For example:

Plastic cup lunchbox

Wood chair ruler

Rubber ball shoe sole

Metal grater nail file

Children could then classify the objects on the lists as rough or smooth.

Feely bag

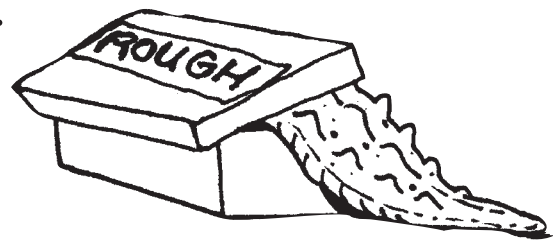


You will need:

rough and smooth things from around the classroom,
two boxes, a blindfold

1. Collect rough and smooth things.
2. Write 'Rough' on one box and 'Smooth' on the other.
3. Blindfold your friend.

Ask them to sort the objects.



Rough and smooth things



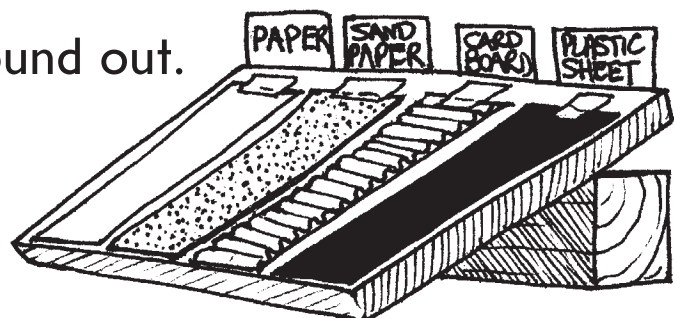
You will need:

sandpaper, plastic sheet, corrugated cardboard, paper,
small blackboard, sticky tape, wooden blocks

1. Make four tracks on the blackboard.
2. Make the blackboard into a ramp.
3. Put a block on each track.

How do they move?

4. Write what you have found out.



Name _____

Alphabetical order

Aa	Bb	Cc	Dd	Ee	Ff	Gg	Hh	Ii	Jj	Kk	Ll	Mm
Nn	Oo	Pp	Qq	Rr	Ss	Tt	Uu	Vv	Ww	Xx	Yy	Zz

Write these words in alphabetical order.

rough	1	_____
smooth	2	_____
plastic	3	_____
metal	4	_____
wood	5	_____
ball	6	_____
grater	7	_____
pole	8	_____
floor	9	_____
tyre	10	_____

Name _____

Rough and smooth

Draw and write.

Something smooth

This _____ is made of _____.

It is easy to _____.

Something rough

This _____ is made of _____.

It is easy to _____.

Instructions Ask the children to draw a picture of one smooth thing and one rough thing, then complete the sentence about the object.