

# Year 1 Science – Everyday Materials

## Learning from Home Activity Booklet

### Year 1 Programme of Study – Everyday Materials

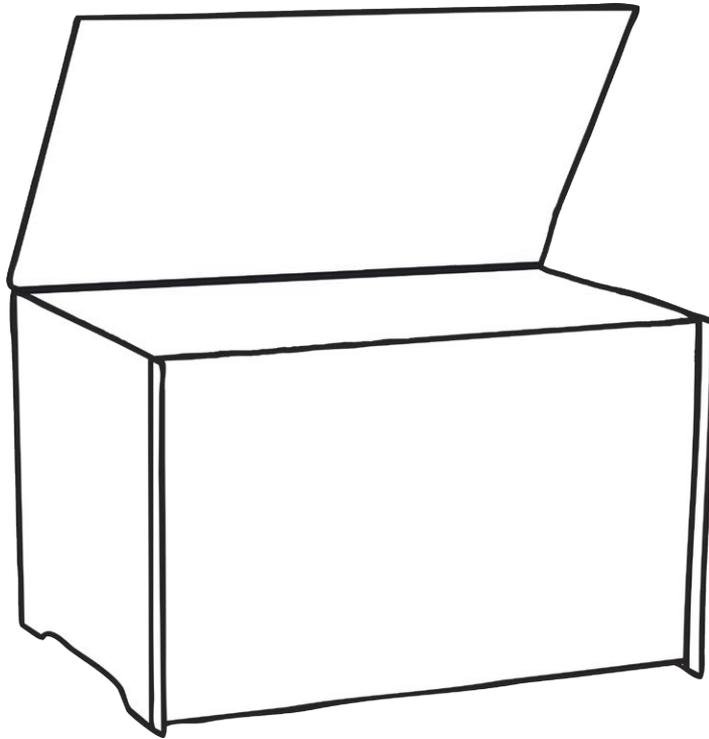
| Statutory Requirements   | Activity Sheet           | Page Number | Notes |
|--|--------------------------|-------------|-------|
| Distinguish between an object and the material from which it is made.  | <b>In the Toy Box</b>    | <b>2</b>    |       |
| Identify and name a variety of everyday materials, including wood, plastic, glass, metal, fabric and rock.   | <b>Materials Hunt</b>    | <b>3</b>    |       |
| Describe the simple physical properties of a variety of everyday materials.                                  | <b>Jamie's Feely Bag</b> | <b>4</b>    |       |
| Compare and group together a variety of everyday materials on the basis of their simple physical properties. | <b>All Sorted!</b>       | <b>5</b>    |       |

Note for parents: The main focus of science teaching in key stage 1 is to enable pupils to experience and observe things, and to look at the natural and human-made world around them. Encourage your child to be curious and ask questions about what they notice, and help them to use different methods to answer their questions, such as observing changes over time, grouping and classifying things, carrying out simple tests, and finding things out using books and the internet. Talk to your child about what they are doing and encourage them to use simple scientific language to explain their ideas to you. Most science learning should take place through first-hand, practical experiences, therefore this booklet contains some ideas for recording information but has a strong focus on practical activity as well.

The main materials children look at in key stage 1 are glass, wood, plastic, metal, rock or stone and fabric. They are required to distinguish between an object and the material it is made from, and to recognise these materials in everyday objects.

# In the Toy Box

Draw five of your toys in or near the toy box. Draw a label on each one saying what it is, e.g. doll, teddy, car.



Now draw another label for each toy to show what material it is made from.

# Materials Hunt

Have a hunt around your house and see how many things you can find that are made from these materials:

| glass | plastic | metal         |
|-------|---------|---------------|
|       |         |               |
| wood  | fabric  | stone or rock |
|       |         |               |

## Challenge

How many things can you find that are made from more than one material? Write them here and say what materials they are made from.

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# Jamie's Feely Bag

Jamie has found some objects around his house. He puts them into a feely bag and uses his hand to feel an object in the bag and describe it.

Can you guess what each object is? There might be more than one answer!



Jamie says it feels...

smooth

hard

cold

rigid

What could it be?

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Jamie says it feels...

soft

warm

flexible

light

What could it be?

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Jamie says it feels...

rough

hard

rigid

heavy

What could it be?

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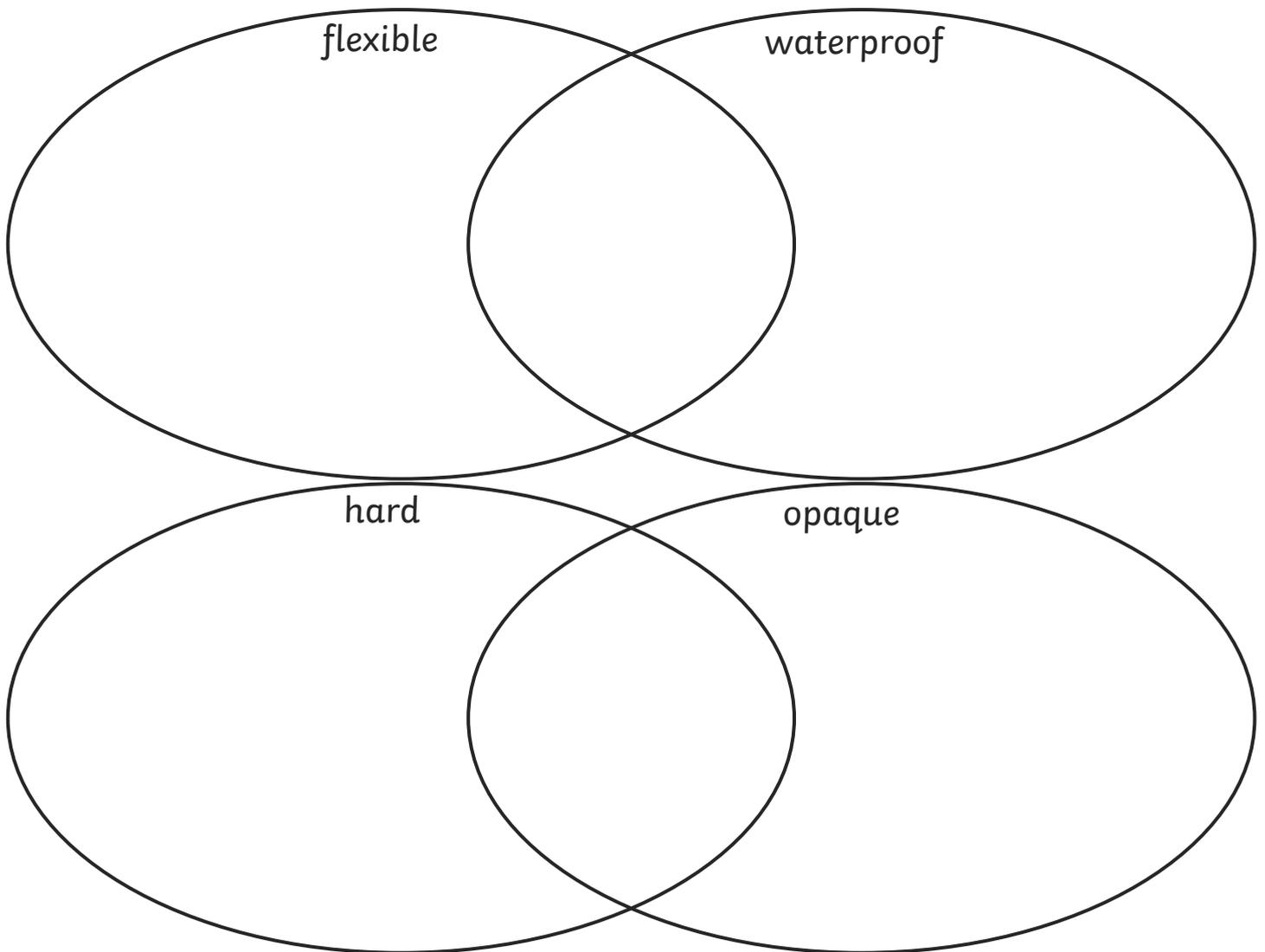
## Challenge

Find some objects in your house and think of four words to describe them. See if your helper can guess what they are.

# All Sorted!

Where do these objects belong? Sort them into the diagram. Do any belong in the middle sections?

|         |            |         |              |          |      |
|---------|------------|---------|--------------|----------|------|
| scarf   | spoon      | brick   | yoghurt pot  | table    | wall |
| earring | teddy bear | cushion | water bottle | window   |      |
| pencil  | pen        | rug     | jam jar      | umbrella |      |



## Challenge

Sometimes one material is used to make another. Use books or the internet to find out how we make paper and plates.

# Key Vocabulary

Children should become familiar with this vocabulary and, where appropriate, depending on age and ability, should be able to read and spell the words.

wood

waterproof

metal

hard

fabric

soft

plastic

opaque

leather

transparent

glass

flexible

rock

rigid