

# Macmillan Science

Workbook





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EDUCATION




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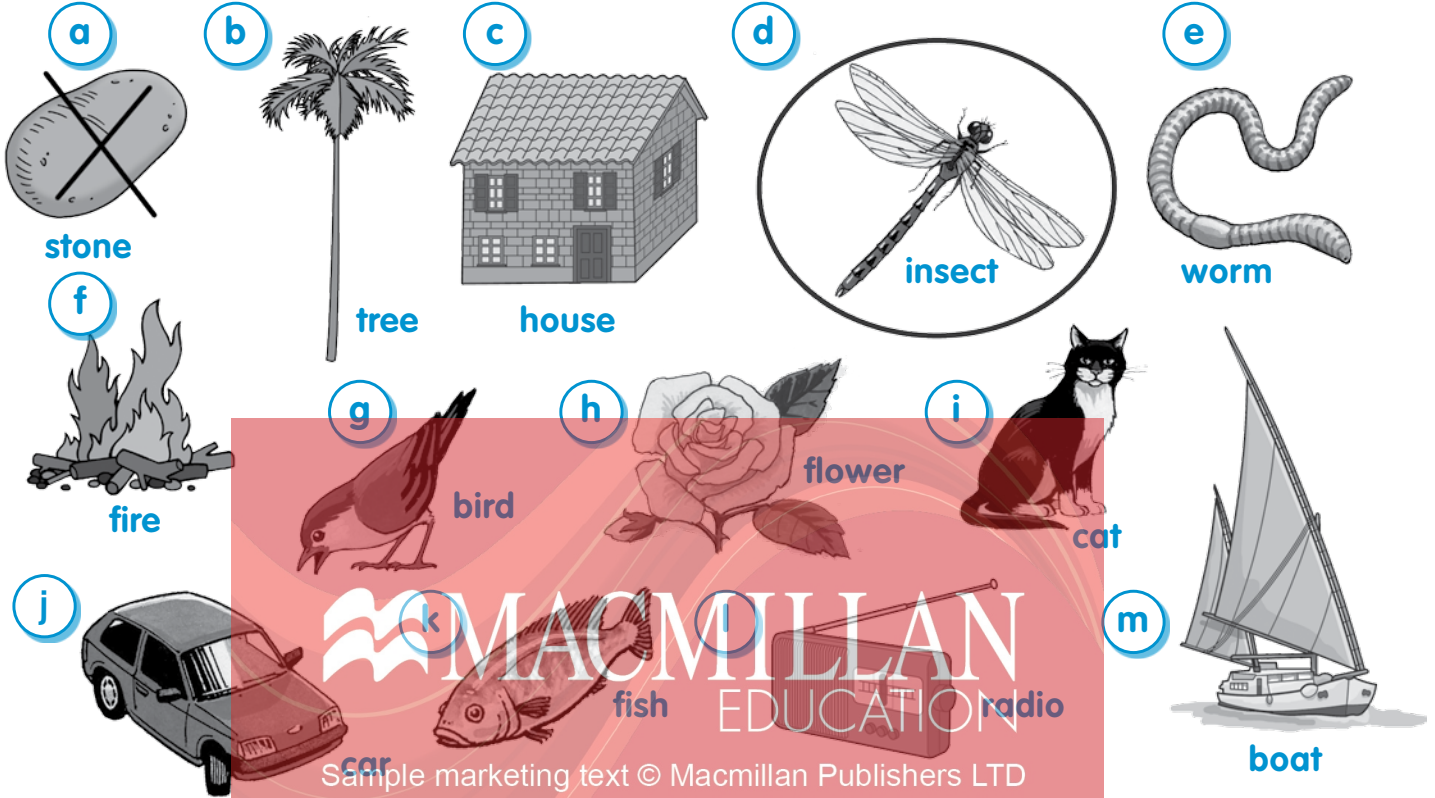
# Scope and sequence

Topic	Page	Objectives
<b>Topic 1</b> <b>The things around us</b> 	4	Distinguish living and non-living things Distinguish plants and animals Sort and classify living and non-living things
<b>Topic 2</b> <b>Plants and their parts</b>	8	Name the parts of a plant Collect and handle specimens Make a leaf print
<b>Topic 3</b> <b>The importance of plants</b>	12	Identify how some plants and plant parts are used Use good hygiene to handle and prepare food Identify different fruits
<b>Topic 4</b> <b>Seeds</b>	16	Identify seeds as plant parts from which new plants grow Sort and classify specimens Care for a growing plant
<b>Topic 5</b> <b>All sorts of animals</b> 	20	Name common animals Classify animals as those seen on the ground, in water or in the air Classify animals by skin covering (fur, feathers, scales)
<b>Topic 6</b> <b>Animals move and feed</b>	24	Describe how different animals move Match animals to their foods Make and position a bird feeder
<b>Topic 7</b> <b>Caring for animals</b>	28	Identify animals as wild or domestic List some things that domestic animals need Say how to care for an animal

Topic	Page	Objectives
<b>Topic 8</b> <b>My body</b> 	32	Point to and name your body parts Draw a face Compare people and identify their similarities and differences
<b>Topic 9</b> <b>Caring for my body</b>	36	Explain why you must care for your body Show how you wash your hands and clean your teeth Value cleanliness
<b>Topic 10</b> <b>Different materials</b> 	40	Recognise wood, metal, plastic, cloth and other common materials Sort materials by simple properties (shiny/dull, rough/smooth, light/heavy)
<b>Topic 11</b> <b>Using materials</b>	44	Use different materials to make products Follow simple instructions Make objects from different materials
<b>Topic 12</b> <b>Solids and liquids</b>	48	Identify common examples of the solid and liquid states of matter Compare the properties of the solid and liquid states Compare different water containers
<b>Topic 13</b> <b>The Earth and the sun</b> 	52	Explain that we live on planet Earth Describe the Earth and its movement around the sun Explain that the sun is a star and that it is the source of light on Earth Compare day and night
<b>Topic 14</b> <b>Weather and the seasons</b>	56	Describe different weather conditions List and describe the seasons: spring, summer, autumn, winter Use simple weather symbols Describe some ways in which the seasons affect living things

# Topic 1 The things around us

- 1 Look at the pictures. Circle the living things.  
Cross out the things that are non-living.  
Two have been done for you.



- 2 Draw a living thing. Draw something that is non-living.

living

non-living

**3 Look at the pictures. Is each an animal or a plant?  
Circle the animals. Draw a box around the plants.**

Two have been done for you.

a
b
c
d

e
f
g

h
i
j

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**4 Draw your favourite animal. Draw your favourite plant.**

my favourite animal

my favourite plant

**5 True ✓ or false ✗?**

**a** Plants are living things.

**d** A pencil is not alive.

**b** A stone is a living thing.

**e** A bottle top can grow.

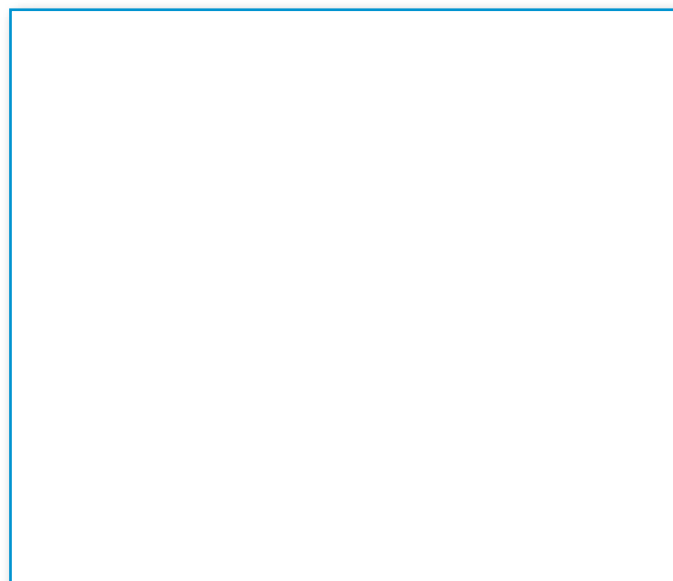
**c** Animals are living things.

**6 Living things grow.**

**Plants grow. Draw a bigger tree in the box.**

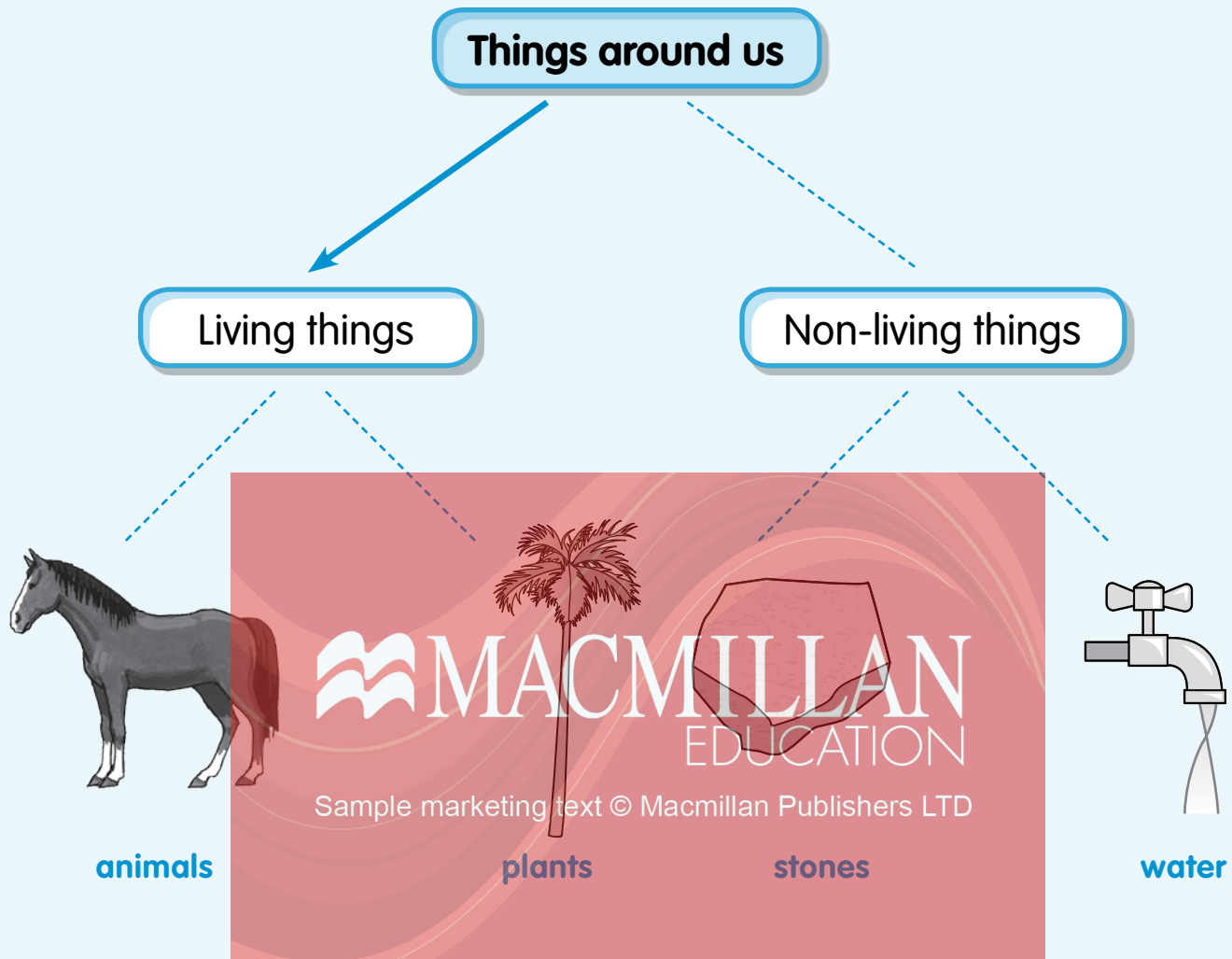


**Animals grow. Draw a bigger cat in the box.**



7 Finish the arrows to complete the chart.



8 Chant the sentences. Add more yourself.

I am alive.

A bird is alive.

A tree is alive.

A \_\_\_\_\_ is alive.

A stone is **not** alive.

A car is **not** alive.

A house is **not** alive.

A \_\_\_\_\_ is **not** alive.