

Macmillan
Science
Workbook

4

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MACMILLAN

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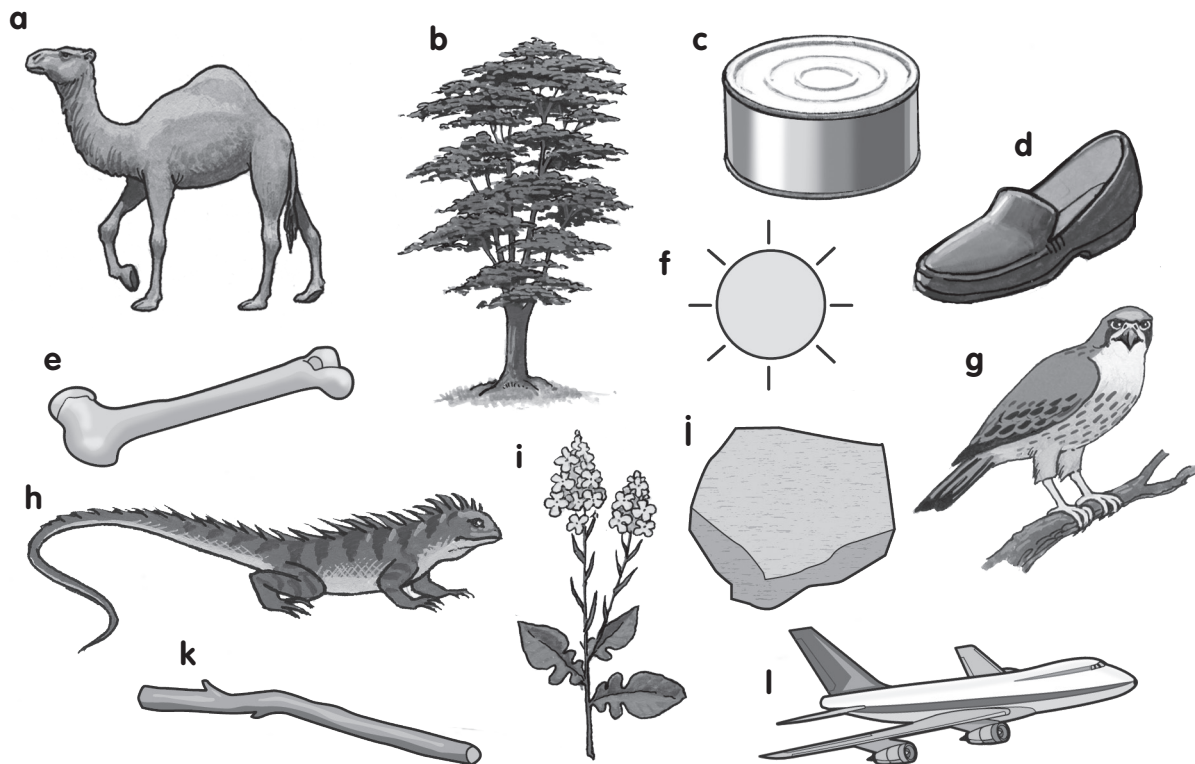
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Living and non-living things

1. Look at the picture. Ring the **living** things in one colour, the **non-living** things in a different colour and the **once living** things in a third colour.



2. Find the **seven characteristics** of a living thing in this word square.

r	e	p	r	o	d	u	c	e	s
r	e	r	t	y	y	u	i	p	g
e	d	f	d	g	f	j	k	l	r
s	e	r	i	m	e	n	t	z	o
p	h	m	o	v	e	s	h	c	w
i	b	n	c	m	d	w	e	f	s
r	d	s	e	n	s	e	s	o	g
e	f	g	v	g	h	j	r	k	y
s	q	r	p	t	o	f	v	c	a
m	a	k	e	s	w	a	s	t	e



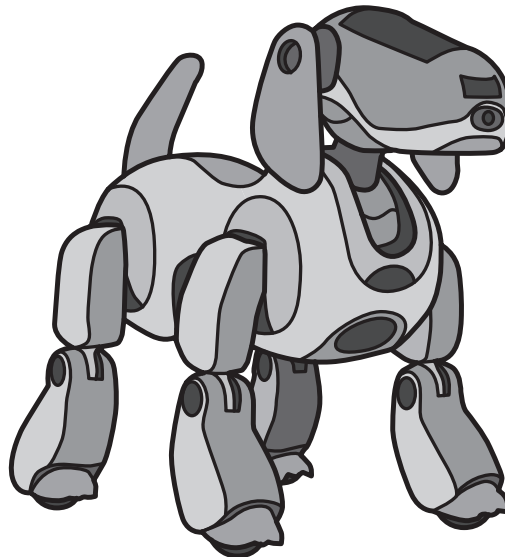
3. Rearrange the words to make sentences about living and non-living things.

a living and are Plants things. animals

b water non-living and things. Rocks , , metal are sand

c leather , horn once , and were living Bone things. wood

4. The robot dog in the picture can move by itself. It has special sensors that make it respond to light, sounds and things that touch it. To do these things it uses energy supplied by a battery.



Answer the questions.

a Is the robot alive? _____

b What things does the robot *not* do that living things do?

c How does the robot move? _____

d How are living things made? _____



The characteristics of life

1. Unscramble the words to make the seven characteristics of life.

w r o t g h _____

d e e f i n g _____

i n i r e s p r a t o _____

s e n o n s a t i _____

d u p r e o n c i t r o _____

t e v m e m o n _____

e t c r e o x i n _____

2. Write the scientific words for each of these processes in living things.

a to increase in size _____

b to produce young _____

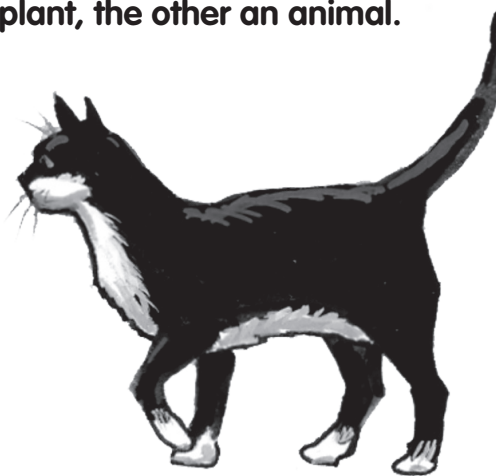
c to release energy from food _____

d to get rid of waste from the body _____

3. These pictures show two living things. One is a plant, the other an animal.



sunflower



cat



Describe briefly how the cat and the sunflower show each of the seven characteristics of life. (You should have written these characteristics in Activity 1.)

Cat

- 1 _____
- 2 _____
- 3 _____
- 4 _____
- 5 _____
- 6 _____
- 7 _____

Sunflower

- 1 _____
- 2 _____
- 3 _____
- 4 _____
- 5 _____
- 6 _____
- 7 _____

4. Which characteristics of life do you exhibit?

Make a list of things you do during the day. Complete the table.

Time	Activity	Life characteristic