



## ACTIVITY BOOK

# NATURAL SCIENCE

LEARN TOGETHER

### PRIMARY 3

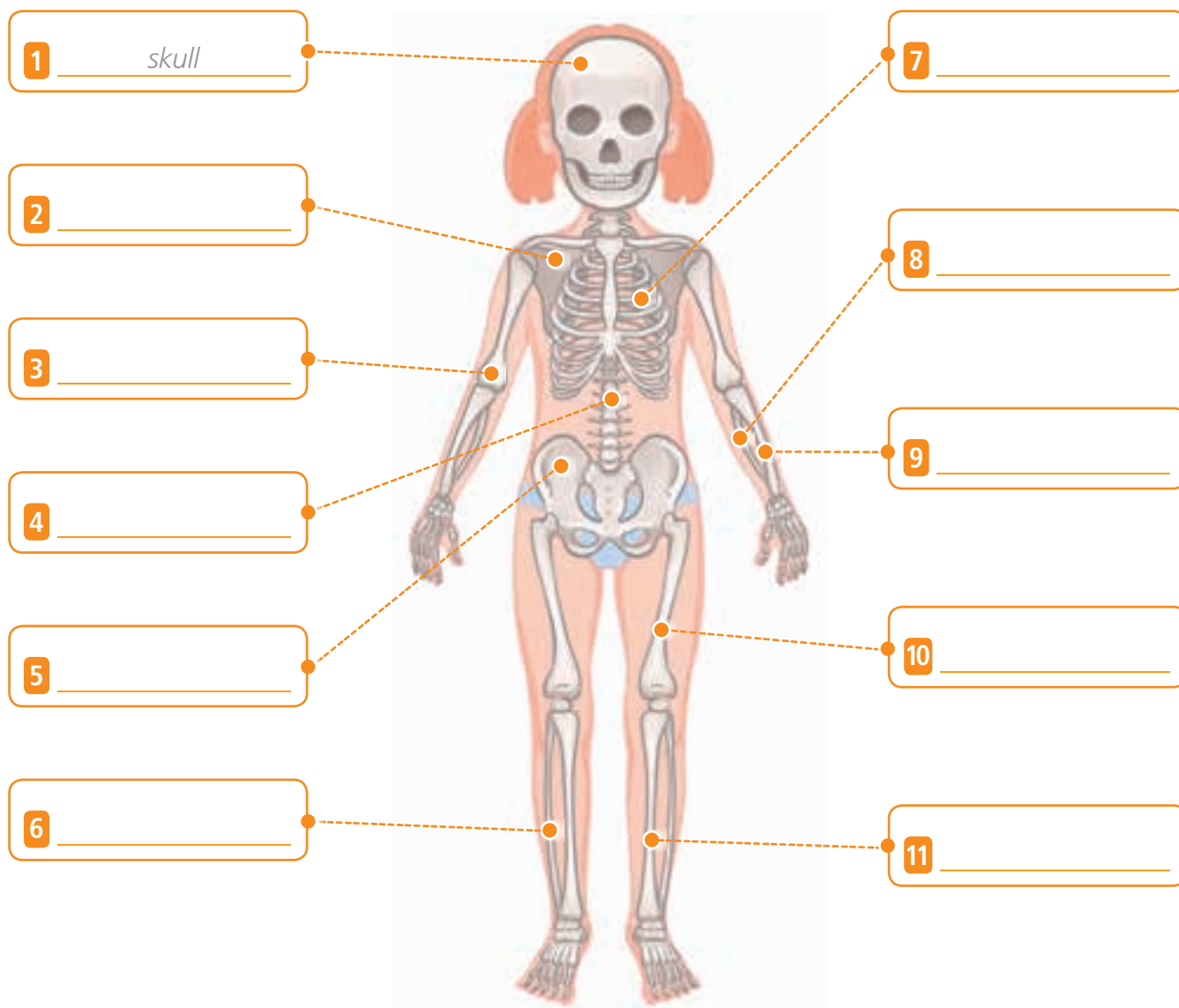
<b>UNIT 1</b>	Interaction .....	2
<b>UNIT 2</b>	Our bodies .....	8
<b>UNIT 3</b>	Animals .....	14
<b>UNIT 4</b>	Plants .....	20
<b>UNIT 5</b>	Matter and energy .....	26
<b>UNIT 6</b>	Machines and inventions .....	32
	Glossary .....	38



COMUNIDAD  
DE MADRID

1 Write down the names of the bones. Use the words in the box to help you.

spine	tibia	rib	pelvis	ulna	fibula
radius	scapula	femur	<del>skull</del>	humerus	



2 Match the definition to the joint.

It connects the lower and upper arm.

It connects the upper and lower leg.

It connects the arm to the body.

shoulder

elbow

knee

**3** Complete the sentences using the words in the box. Match the sentences to the photos.

~~controls~~ danger interact environment safe talking

**a** The nervous system controls everything you do, such as walking,                      and doing sport.

**b** The nervous system allows you to \_\_\_\_\_ with your \_\_\_\_\_.

**C** The nervous system keeps you \_\_\_\_\_ from \_\_\_\_\_.



**4** Find five parts of the nervous system and write them down in the correct box.

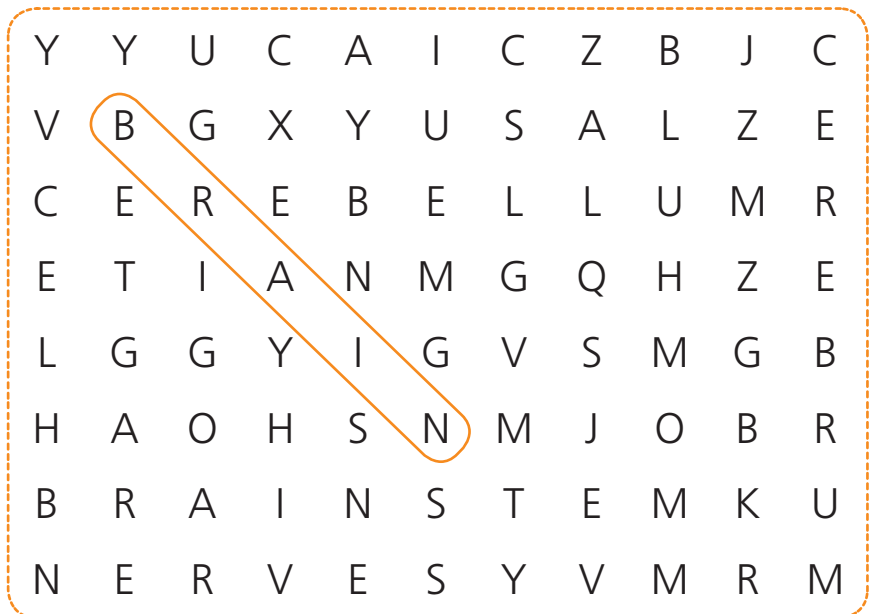
a The main organ of the nervous system:  
*brain*

**b** Controls voluntary actions:

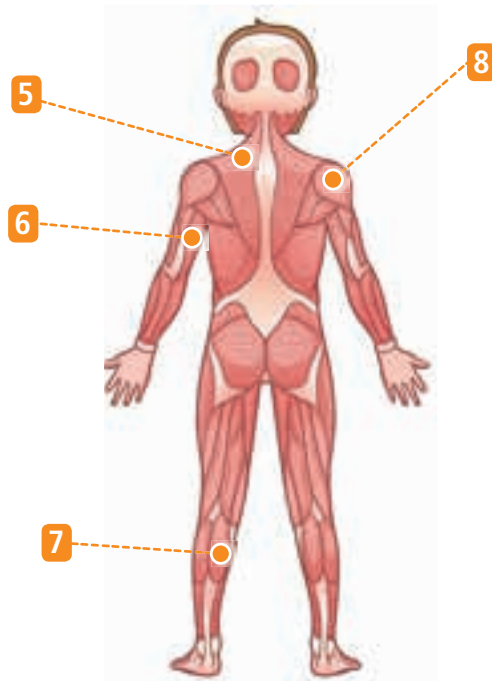
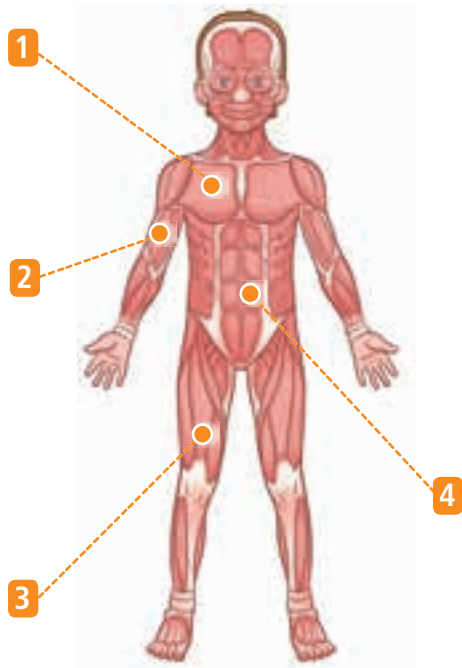
**C** Send information to the brain:

d Controls involuntary actions:

- e Controls movement and coordination:



5 Write a number for each muscle.



- ☐ pectorals
- ☐ trapezius
- ☐ calf muscle
- ☐ abdominals
- ☐ biceps
- ☐ quadriceps
- ☐ deltoid
- ☐ triceps

6 Look at the photos and write sentences about the senses.



*The skin is the organ you use to touch.*



**7** Complete the sentences using the words in the box.

retina    lens    eyebrows    upside down    pupil    ~~eyelids~~

- a** The eyelashes, eyelids and \_\_\_\_\_ protect your eyes.
- b** Light enters the eye through the \_\_\_\_\_.
- c** Light goes through the \_\_\_\_\_ and turns the image \_\_\_\_\_.
- d** The \_\_\_\_\_ sends the information to the brain.

**8** Look at the photos and write down how the objects feel.  
Choose two words from the box for each photo.

hot    smooth    cold    rough    soft    hard



\_\_\_\_\_  
\_\_\_\_\_



\_\_\_\_\_  
\_\_\_\_\_



\_\_\_\_\_  
\_\_\_\_\_

**9** Put the sentences in the correct order to explain how you hear.

- a** Sound waves hit the eardrum and make it vibrate.
- b** Vibrations move the liquid in the inner ear, which sends signals to the brain.
- c** Sound waves enter the outer ear.
- d** The brain receives the signals and tells you what you are hearing.

☐  
☐  
☐  
☐



## Discover

# Food and tastes

### 1 Investigate different tastes at home:

- 1 Choose five items of food. Ask an adult to also choose five different items of food.
- 2 Do a taste test:
  - Close your eyes. Ask the adult to pass you the food items they have chosen.
  - Taste them. How do they taste? Open your eyes. What were they?
  - Ask the adult to close their eyes and repeat the test with your food items.
  - Write your results in the table.



	me		adult	
	taste	food	taste	food
1	_____	_____	_____	_____
2	_____	_____	_____	_____
3	_____	_____	_____	_____
4	_____	_____	_____	_____
5	_____	_____	_____	_____

a How many food items did you guess correctly?

\_\_\_\_\_

b Which foods and tastes did you like? Which ones did you not like?

\_\_\_\_\_



## Skills check

- 1 Read the sentences. Choose the right words and write them on the lines.

### Keeping fit and staying healthy

- 1 You must eat a balanced diet.
- 2 You should brush your teeth \_\_\_\_\_ eating.
- 3 Make sure to eat a healthy snack \_\_\_\_\_ school.
- 4 Play sport with other \_\_\_\_\_ at breaktime to stay active.
- 5 Drink \_\_\_\_\_ of water so you don't dehydrate!
- 6 Also, eat lots of fruit and vegetables to \_\_\_\_\_ vitamins and minerals.

1 have ~~must~~ can't

4 childs child children

2 before for after

5 much lots many

3 at in the on

6 get have take



# GLOSSARY

## English

## Your language

### UNIT 1 Interaction

bone (n)	_____
brain (n)	_____
brain stem (n)	_____
	_____
cerebellum (n)	_____
cerebrum (n)	_____
inner ear (n)	_____
	_____
interact (v)	_____
limb (n)	_____
locomotor	_____
system (n)	_____
muscle (n)	_____
nerve (n)	_____
nervous	_____
system (n)	_____
nose (n)	_____
organ (n)	_____
sense organ (n)	_____
	_____
signal (n)	_____
skeleton (n)	_____
skin (n)	_____
torso (n)	_____

## English

## Your language

### UNIT 2 Our bodies

adolescence (n)	_____
adult (n)	_____
atrium (n)	_____
baby (n)	_____
blood (n)	_____
child (n)	_____
digest (v)	_____
elderly (adj)	_____
healthy (adj)	_____
heart (n)	_____
intestine (n)	_____
kidney (n)	_____
lung (n)	_____
nutrient (n)	_____
ovary (n)	_____
oxygen (n)	_____
penis (n)	_____
stomach (n)	_____
testicle (n)	_____
urethra (n)	_____
uterus (n)	_____
vagina (n)	_____
ventricle (n)	_____
vulva (n)	_____



English

Your language

### UNIT 3 Animals

arachnid (n)	_____
arthropod (n)	_____
beak (n)	_____
bivalve (n)	_____
breathe (v)	_____
cephalopod (n)	_____
crustacean (n)	_____
feather (n)	_____
fin (n)	_____
fur (n)	_____
gastropod (n)	_____
gill (n)	_____
hair (n)	_____
incubate (v)	_____
insect (n)	_____
lay (v)	_____
mammal (n)	_____
metamorphosis (n)	_____
moist skin (n)	_____
	_____
myriapod (n)	_____
oviparous (adj)	_____
scale (n)	_____
shell (n)	_____
tadpole (n)	_____
viviparous (adj)	_____
wing (n)	_____

English

Your language

### UNIT 4 Plants

angiosperm (n)	_____
branch (n)	_____
bush (n)	_____
carbon dioxide (n)	_____
	_____
carpel (n)	_____
cone (n)	_____
deciduous (adj)	_____
evergreen (adj)	_____
grass (n)	_____
gymnosperm (n)	_____
leaf (n)	_____
needle (n)	_____
ovary (n)	_____
petal (n)	_____
photosynthesis (n)	_____
pollen (n)	_____
pollination (n)	_____
root (n)	_____
seed (n)	_____
sepal (n)	_____
stamen (n)	_____
stem (n)	_____
stigma (n)	_____
sunlight (n)	_____
transfer (n)	_____
trunk (n)	_____

# GLOSSARY

## English

## Your language

### UNIT 5 Matter and energy

absorbent (adj)	_____
conductor (n)	_____
electrical (adj)	_____
energy (n)	_____
evaporate (v)	_____
filter (v)	_____
flexible (adj)	_____
freeze (v)	_____
gas (n)	_____
heat (n)	_____
insulator (n)	_____
kinetic (adj)	_____
light (n)	_____
liquid (n)	_____
matter (n)	_____
melt (v)	_____
mixture (n)	_____
physical change (n)	_____
resistant (adj)	_____
shape (n)	_____
sieve (v)	_____
solid (n)	_____
sound (n)	_____
state (n)	_____
thermal (adj)	_____
waterproof (adj)	_____

## English

## Your language

### UNIT 6 Machines and inventions

aeroplane (n)	_____
car (n)	_____
compass (n)	_____
complex (adj)	_____
cut (v)	_____
fulcrum (n)	_____
heavy (adj)	_____
hold (v)	_____
inclined plane (n)	_____
internet (n)	_____
lever (n)	_____
lift (v)	_____
lightbulb (n)	_____
load (n)	_____
move (v)	_____
pulley (n)	_____
screw (n)	_____
simple (adj)	_____
smartphone (n)	_____
steam engine (n)	_____
telegraph (n)	_____
telephone (n)	_____
train (n)	_____
wedge (n)	_____
wheel (n)	_____