CAMBRIDGE

Student's Book





SCIENCE PATH 2



Respiratory system

· Stages of life

Amphibians

Arthropods

Flowering plants

· Non-flowering plants:

irreversible changes

Types of energy used

mosses and ferns

House materials

· Reversible and

by machines

Mollusks

Muscles

Joints

Here we go again!

Page 4

Do the locomotion! Motor system

Page 6

- An amazing machine Vital functions of human beings
 - Page 18
- All about animals

All about plants

Building blocks

Helping me and you

Animals

Plants

Materials

Machines

Page 30

Page 42

Page 54

Page 66

- Birds

Mammals

Bones

Senses

· Digestive system

- Fish
- Reptiles
- Trees, bushes, and grasses

Sections of the body

- Wild, cultivated, and edible plants
- Deciduous and evergreen plants
- Natural and non-natural materials
- · Properties of materials
- Tools
- Simple and complex machines
- The sun and the solar system
- The orbit of the moon

The seasons

Inventions

· Time: year, month, week, hour

What's up there?

Space and time

Page 78

All over the world

Earth, continents, and oceans

Page 90

- The Earth
- Land and water

- Continents and oceans
- · North, south, east, and west

Page 102

Projects and experiments

Documentaries

| | Discover parts of the body.Make an X-ray. | Make a muscle.Make a model hand. | • Train your muscles |
|--|---|---|-------------------------|
| | Learn about taste.Make a stomach. | How much air can you breathe out?Make a Funny family book. | • Our senses |
| | Discover more mammals.Make a hanging mobile. | Animal riddles.Make animals. | Amazing mammals! |
| | Make a plant mural.Make a deciduous tree. | Make a flap poster for the life cycle of a seed.Make a class fern. | • Forever green |
| | Make a materials display.Build a house. | Learn more about reversible and irreversible changes. | • What is it made of? |
| | Make a tool mini book.Have a race. | Play a matching game.Invent a robot. | • Round and round |
| | Discover how we move around the sun. Move the Earth and the moon around the sun. | Make a flap book for the seasons.Make a clock. | • The Earth moves! |
| | Learn about circles and spheres.Discover where animals live. | Make a boat.Explore with a compass. | • Continents and oceans |

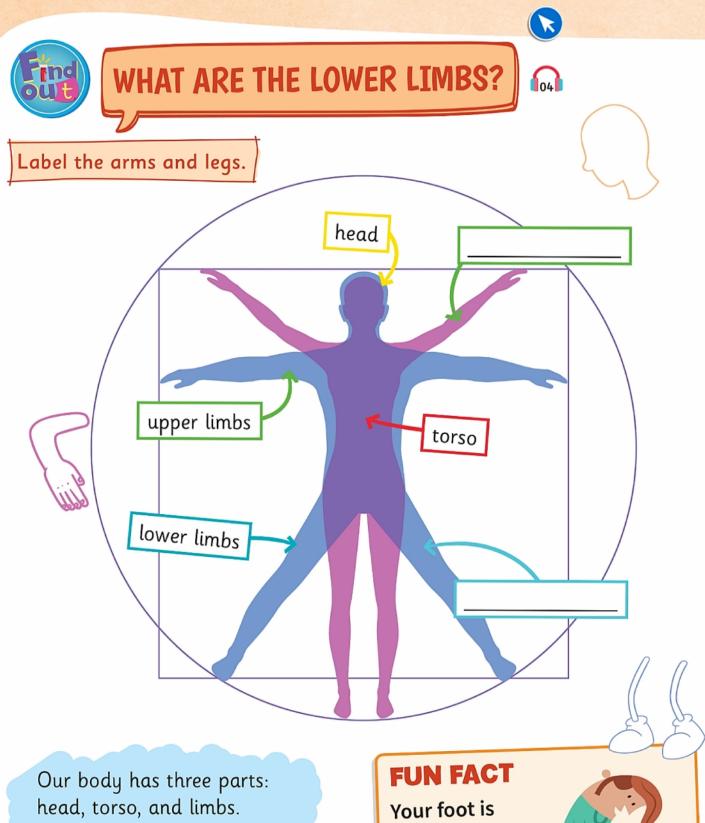












Our arms are the **upper limbs**.

Our legs are the **lower limbs**.

Your foot is the same length as your forearm! Try to measure it at home!



Mini-project



By the end of this lesson, you will know more about the structure of your body.

Let's discover parts of the body.

1 Work in groups. Choose a friend and draw their outline.



2 Label the body parts.



Show it to your class.



AND COMPLETE

My body has three parts:

h_____, t_____

and limbs.

My arms are u_____ limbs and my legs are lower l_____.

KEY WORDS



body



head



torso



lower limbs



upper limbs





HOW MANY BONES DO YOU HAVE?

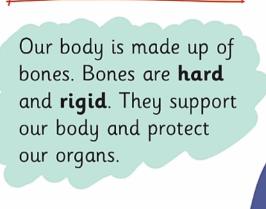
05

humerus

ribs

pelvis

skull



Circle the longest bone.

Why do we have bones?

backbone

Can bones break?

femur

Find the skull hidden in the unit!



There are 54 bones in your hand, fingers, and wrist!



Mini-project



By the end of this lesson, you will know what bones do.

Let's make an X-ray!

1 Paint the palm of your hand. Short Press it onto black construction paper.



2 Let the paint dry. Observe your X-ray.



You can try it at home with your foot, too!



AND COMPLETE

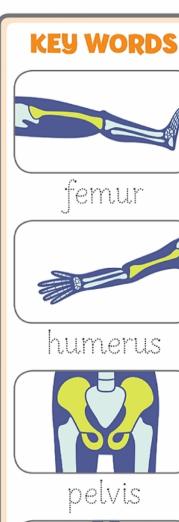
Bones are hard and rigid. These are some bones in my body:

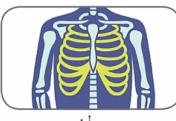
head bone: s_____

arm bone: h_____

torso bones: r_____ and backbone

leg bone: f_____





ribs

