



Reading  
Fluency  
Builder

e-future

# DISCOVERY



# 4.1

Word Count 110

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## The Body

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- **What** do our bones and muscles do?
- **Why** do we have eyelashes and eyebrows?
- **What** does our brain do?
- **How** can we stretch our body?

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### Discover in Reading

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- **How** can you ride your bike safely?
- **Where** do flight crews rest on planes?
- **What** is good etiquette on the bus and subway?
- **What** was the first car like?

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### Discover in Reading

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- How can you have fun at the museum?
- Why is the *Mona Lisa* famous?
- Why do people yodel?
- What is apsara dance?

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- Who was Nicolaus Copernicus?
- Who were the first humans on the Moon?
- How big are the planets?
- What do astronauts eat in space?



# The Body

## Unit 1

### Bones and Muscles

Babies have about 300 bones, but adults have about 206 bones.

Discover

What

## Unit 2

### Eyelashes and Eyebrows

An eyelash falls out after 3-5 months and a new one grows back.

Discover

Why

## Unit 3

### Smart Brains

The human brain is the second heaviest organ inside the body. It weighs about 1.3-1.4 kg.

Discover

What

## Unit 4

### Animal Stretches

Just like humans, animals need to move and stretch their bodies for healthy muscles and joints.

Discover

How



## Unit

# 1

# Bones and Muscles



## Discover in the Picture

This is a  class at school.

Kids are learning about  bones.

The teacher is  the students' questions.

human

answering

science

## Key Words

### A Listen and repeat the words. ▶ 01

1



bones

2



muscles

3



jelly

4



protect

5



heart

6



lungs

### B Choose and write the correct words.

bones

heart

jelly

lungs

muscles

protects

- 1 \_\_\_\_\_ is a soft and sweet dessert.
- 2 The children are looking at the whale \_\_\_\_\_.
- 3 The boy's helmet \_\_\_\_\_ his head.
- 4 The \_\_\_\_\_ pumps blood around our body.
- 5 The boy is showing his arm \_\_\_\_\_.
- 6 The doctor looks at an X-ray of a person's \_\_\_\_\_.

# Bones and Muscles ▶ 02

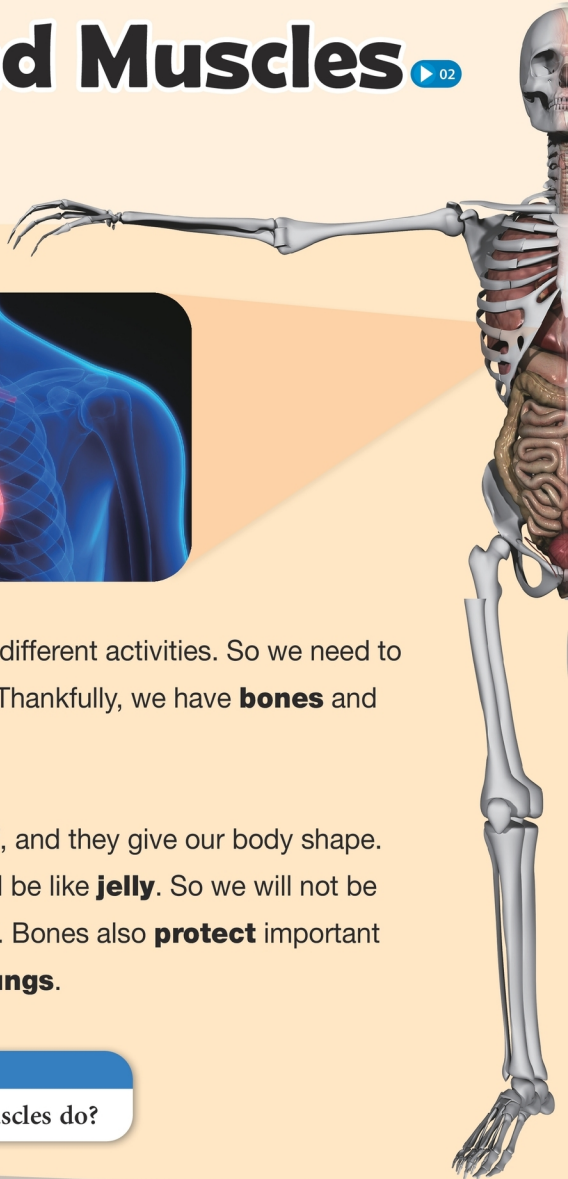


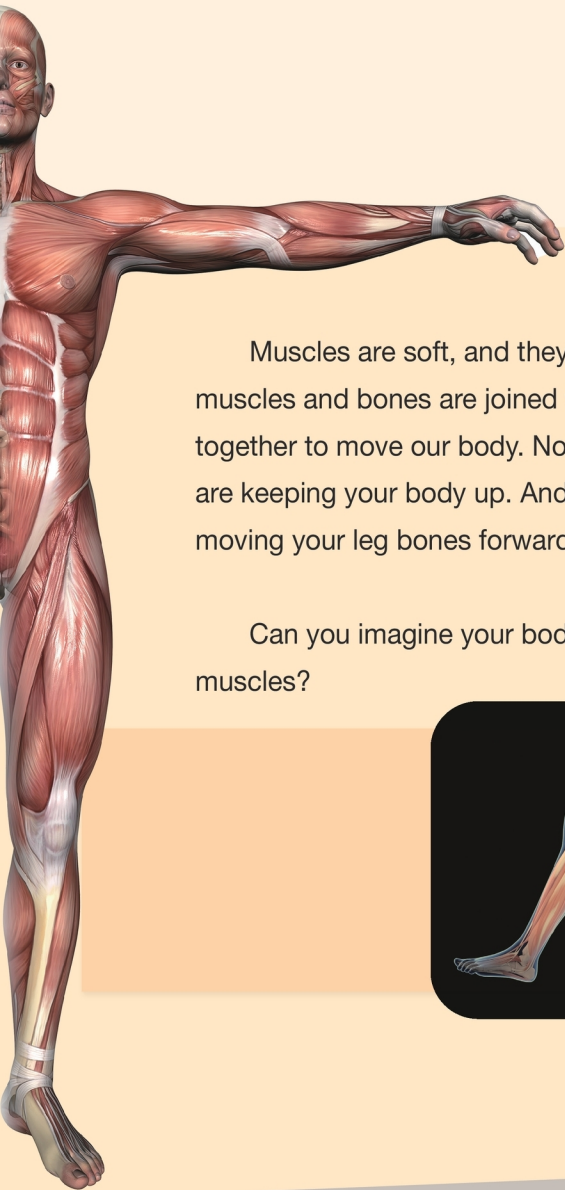
Every day, we do many different activities. So we need to move our body all the time. Thankfully, we have **bones** and **muscles**.

Bones are hard and stiff, and they give our body shape. Without bones, our body will be like **jelly**. So we will not be able to stand up or sit down. Bones also **protect** important organs like our **heart** and **lungs**.

Let's Discover

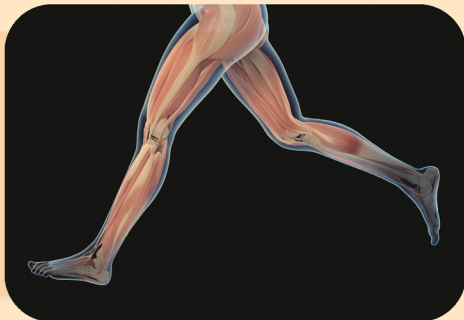
What do our bones and muscles do?





Muscles are soft, and they cover our bones. All muscles and bones are joined together. And they work together to move our body. Now, try walking. Your bones are keeping your body up. And your leg muscles are moving your leg bones forward.

Can you imagine your body without bones and muscles?



**Check**  
Reading  
Fluency

## Comprehension

### A Choose the correct answers.

1 What is the passage mainly about?

- a where our heart and lungs are
- b what our bones and muscles do
- c why we need to move our body

2 Bones are \_\_\_\_\_, and they give our body shape.

- a stiff and hard
- b like jelly
- c soft

3 What covers our bones?

- a jelly
- b organs
- c muscles

4 \_\_\_\_\_ protect our heart and lungs.

a



bones

b



muscles

c



jelly

### B Circle True or False.

1 We need only bones to move around.

True / False

2 Without bones, our body will be like jelly.

True / False

3 Muscles are stiff and hard.

True / False

## Graphic Summary & Practice

### A Complete the chart.

#### What Do Our Bones and Muscles Do?

Bones	Muscles
<ul style="list-style-type: none"><li>• They give our body _____ ①.</li><li>• They _____ ② our organs.</li></ul>	<ul style="list-style-type: none"><li>• They cover our _____ ③.</li></ul>

Bones and Muscles
<ul style="list-style-type: none"><li>• They are _____ ④ together.</li><li>• They work together to _____ ⑤ our body.</li></ul>

bones      joined      move      protect      shape

### B Complete the sentences.

- 1 We need bones and muscles to \_\_\_\_\_ around.
- 2 All \_\_\_\_\_ and muscles are joined. They \_\_\_\_\_ together to move our body.
- 3 When walking, our bones keep our \_\_\_\_\_ up and our leg \_\_\_\_\_ move our leg bones forward.

body      bones      move      muscles      work