



Biology & The Human Body

Let's Talk Science

Welcome & Objectives

Welcome to **Let's Talk Science – Biology & The Human Body**

Today, you will:

- Learn vocabulary about the human body and biological systems
- Practise **modal verbs** to express ability, advice, and necessity
- Talk about healthy living, functions of body parts, and biological facts
- Participate in interactive and meaningful activities

Icebreaker – What Do You Know About Your Body?

- What body system do you think is the most important?
- Can you name any organs in English?
- How does the body protect itself?



Vocabulary – Parts of the Body

Discuss the following terms with your tutor:

Organ	Function
heart	pumps blood around the body
lungs	help you breathe and exchange oxygen
brain	controls your thoughts, feelings, and movement
stomach	breaks down food
skin	protects the body from germs
kidneys	clean your blood and make urine



Vocabulary – Systems of the Body

Take a look at the systems of our bodies:

System	Function
circulatory system	moves blood, oxygen, and nutrients
respiratory system	takes in oxygen and releases carbon dioxide
nervous system	sends signals between brain and body
digestive system	breaks down food and absorbs nutrients
immune system	protects against disease

Discussion: What do you think might happen if one of our systems doesn't work properly?



Grammar – Modal Verbs of Ability

Understanding the grammar rule:

can / can't = ability

Example:

“The lungs **can** take in oxygen.”

“Your muscles **can't** move if the brain doesn't send signals.”

could / couldn't = past ability

Example:

“He **could** walk at 10 months.”

“She **couldn't** hear after the explosion.”



Grammar Practice – Ability

Complete the sentences below using can or can't:

- The skin _____ protect us from infections.
- Without oxygen, the brain _____ function.
- The heart _____ beat 100,000 times per day!



Reading – How the Immune System Works

Have a go at reading the passage below with your tutor:

“The immune system defends the body from viruses and bacteria. White blood cells attack invaders. If the system is weak, we can get sick more easily. Vaccines help prepare the immune system by teaching it how to fight germs.”

Then, discuss:

- What helps you stay healthy?
- Why do people get vaccines?
- Do you think vaccines are important?



Grammar – Modal Verbs of Advice

How we use Modal Verbs of Advice:

We often use the terms **should** / **shouldn't** to give advice.

Use	Example
Advice	"You should eat vegetables to stay healthy."
Negative advice	"You shouldn't skip sleep if you want energy."

Tip: "Should" is not strong – it's a suggestion, not a rule.

Grammar Practice – Advice

Have a go at completing the sentences below using should or shouldn't:

- You _____ drink enough water every day.
- You _____ ignore pain for too long.
- People _____ exercise regularly.



Activity – Giving Health Advice

1. John always eats junk food.

What advice can you give John? – Explain your answer

2. Sarah never sleeps before midnight.

How can Sarah improve her health? – Explain your answer

3. Alex doesn't like sports or exercise.

What could Alex do to stay healthy? – Explain your answer

Further discussion:

What is one thing **you should do** for your health daily? Why?

What is something **you shouldn't do** too much of? Why not?



Vocabulary – Senses and Functions

Match the sense to its related organ:

Sense	Organ
sight	skin
smell	tongue
hearing	nose
touch	eyes
taste	ears

Answers on the next slide:

Answers:

Sense	Organ
sight	eyes
smell	nose
hearing	ears
touch	skin
taste	tongue

Discussion: Which sense do you think would be the hardest to lose? Why?

Activity – Guess the Sense

Take turns with your tutor to give clues, and guess the sense they are describing:

Example:

“You use this when eating ice cream.” → taste

“You use this to feel hot water.” → touch

Try to:

Use modal verbs:

Example:

“You **can** smell flowers with this.”

“You **can’t** hear clearly if your ears are blocked.”

Grammar – Modals of Necessity (must / have to)

Understanding the grammar rule:

Form	Use	Example
must	strong obligation	“You must wear gloves in the lab.”
have to	general necessity (rules)	“Doctors have to wash hands before surgery.”
mustn’t	prohibition	“You mustn’t touch dangerous chemicals.”

Tip: “Must” can be used to express rules, urgency, or health/safety.

Grammar Practice – Fill the Gaps

Can you complete the sentences using **must** / **have to**?

- You _____ brush your teeth twice a day.
- People _____ smoke in hospitals.
- Nurses _____ check the patient's temperature.



Vocabulary – Body-Related Health Words

Define and discuss the following terms with your tutor:

- infection
- disease
- injury
- fever
- virus
- treatment

Discussion:

Have you heard these words when you visit the doctor/hospital?

Speaking – Compare Organs

- Which of these do you think is **more important**: the brain or the heart? Why?

Example starter: Even though the heart keeps us alive, the brain controls...”

- Which organ is **more essential** for survival: the lungs or the liver? Why?

Example starter: “I think the lungs are more critical because...”

Tip: Try to use complex speech for your answers:

“Both are important, but I think...”

“If your liver stopped working, you would...”



Activity – Correct the Mistakes

Fix these modal errors:

- “You must to drink water.”
- “He can’t eats spicy food.”
- “They have wash their hands.”

