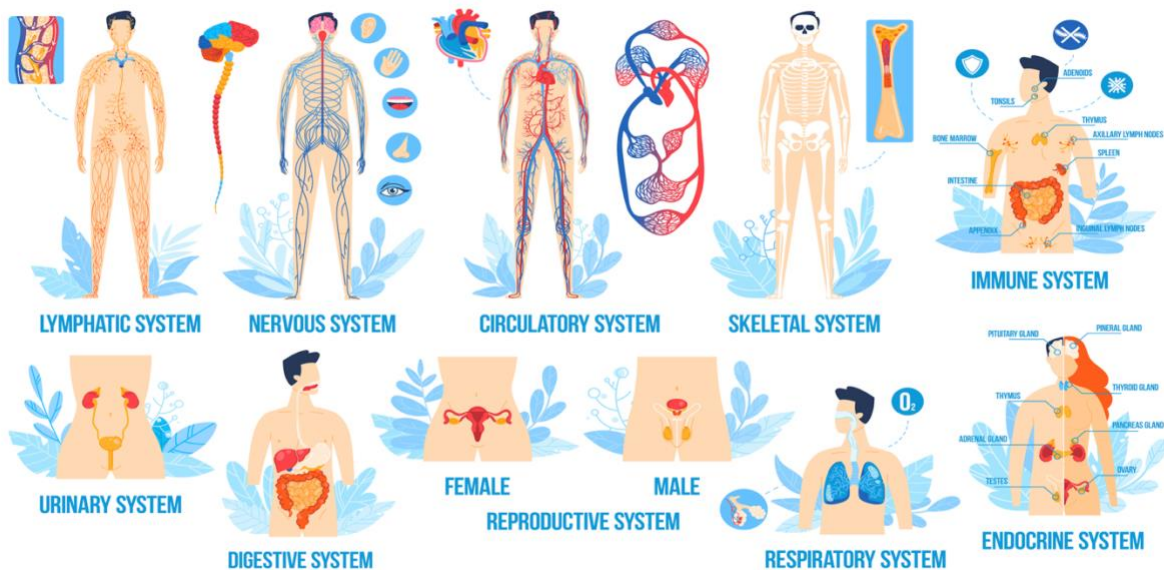


AE Academic English UK

Systems of the Human Body



7.Nervous System

EXAMPLE

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Teacher's Notes

Lesson aim:

To review/to teach one of the eleven body systems through a range of activities.

Timing:

60 minutes+

Who is this for?

This lesson has been designed as either a range of reviewing/recycling tasks for those that already have some medical knowledge or as a range of activities for those beginning their medical studies.

Level	Medical Knowledge Level	Lesson Ideas	Lesson Timing
All	None	<ol style="list-style-type: none"> 1. Pre-teach the vocabulary before each body system. 2. Drill pronunciation after each body system. 3. Test each body system at the end of each lesson using the test questions at the back of this booklet. Select the questions that are relevant to the body system you wish to test. 	<p>40 mins for the introduction. 50-60 mins per system.</p>
All	Some	<ol style="list-style-type: none"> 1. Students can work through each task in small groups or pairs if the teacher does not know how much medical knowledge the students have. 2. Drill pronunciation of key medical terms after each body system. 	<p>30 mins for the introduction. 40-50 mins per system.</p>
All	Studied topic previously	<p>Use as a reviewing/recycling task. Run as a workshop where students are working at their own pace with the teacher feeding in the sample answers when required.</p>	<p>20 mins for the introduction. 20 -30 mins per system.</p>

Differentiation: Extension ideas

1. Gap fill exercises – remove each table of ‘given’ words.
2. Text boxes – find collocations.
3. Sample paragraph answers – paraphrase or summarise content.
4. Sample paragraph answers – extend the paragraph by researching the organ/system and adding to what has been given.
5. Write a paragraph of other organs or glands in that system.
6. Draw a diagram of an organ and label it.
7. Research an organ and present it to the class.

7. The Nervous System EXAMPLE

7.1. Read the definition of the nervous system and decide if the following sentences are true or false. Compare with a partner when you have completed the task.

The nervous system is a complex network of nerves and cells called [redacted] various [redacted] are connected to each other and other cells by synapses which carry electrical signals, and neurotransmitters which are the body's chemical [redacted] includes [redacted] (CNS) [redacted] brain and spinal cord, and the peripheral nervous system (PNS) which consists of all other neural [redacted] autonomic nervous [redacted] (SNS). The former controls [redacted] functions and regulates the glands, while the latter controls [redacted] and relays information [redacted].

	Sentence	True	False
i.	Neurons are joined together by cells called synapses.		
ii.	The nervous system uses [redacted] to [redacted] communicate with each other.		
iii.	The CNS consists [redacted]		
iv.	The PNS [redacted].		
v.	The functions in the [redacted] brain.		

7.2. Read the paragraph aloud to your partner who will check your pronunciation. Your partner will then read it aloud to you so you can check their pronunciation.

7.3. Complete the gaps in paragraph about the somatic nervous system using the words in the box.

[redacted] (CNS)	glands	[redacted]	spinal cord	[redacted]
muscular skeletal system (MSS)	[redacted]	neurons	[redacted]	efferent neurons

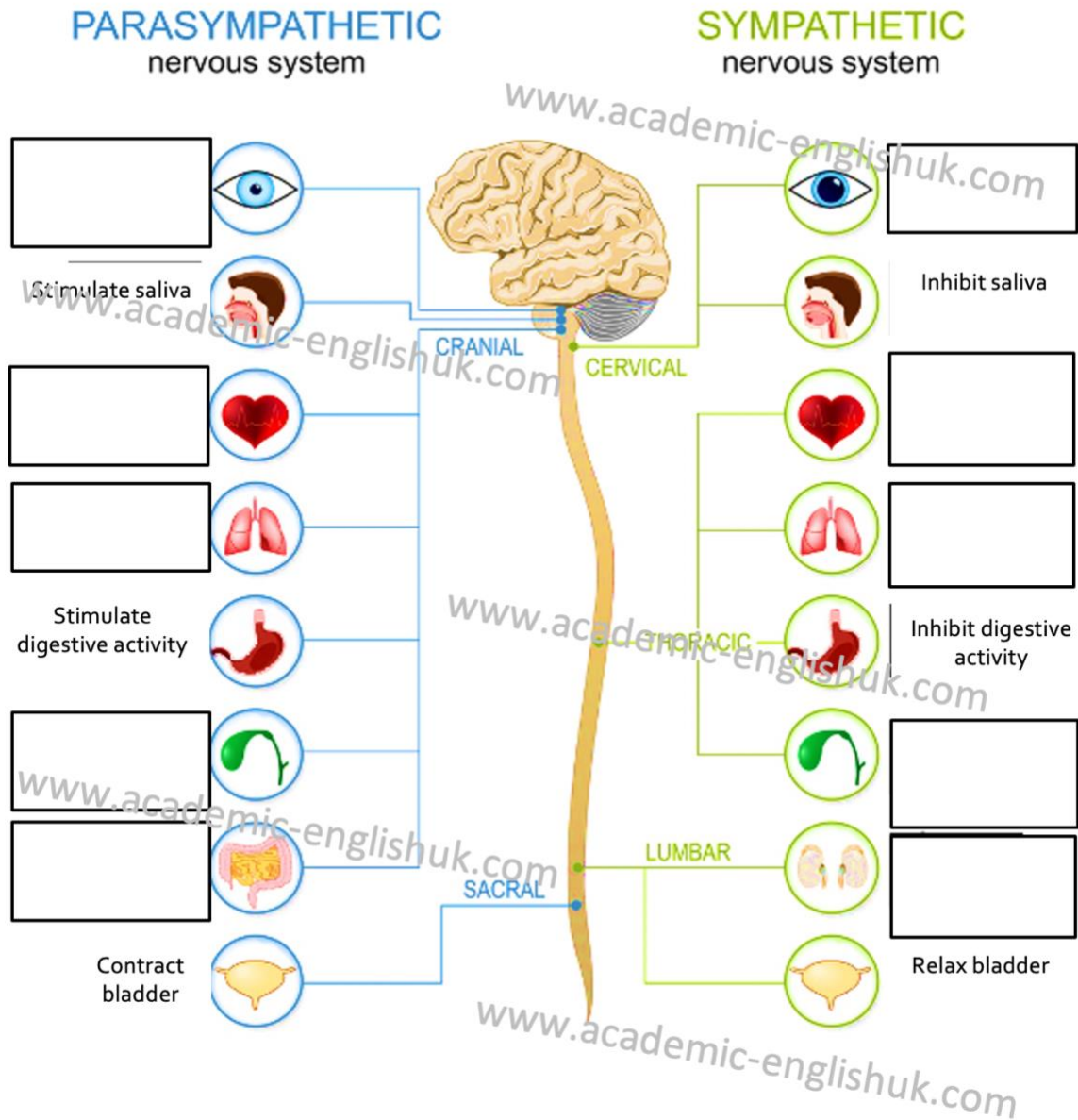
Write your answer here, and then compare with a partner when you have finished.

Controlling the _____ and _____, the _____, the _____ the _____ to the rest _____ vice versa. There are two types of _____ inside _____ system: sensory _____ and motor neurons, also known as _____. The sensory neurons transmit _____ system and the motor neurons transmit _____ from the brain and _____ to the _____

7.4. Read the paragraph aloud so your partner can check your pronunciation. Your partner will then read it aloud to you so you can check their pronunciation.

7.5. Read the following sentence [redacted] and label the diagram on the next page with a partner. Some are done for you.

The ANS contains two systems that [redacted]: the sympathetic system and the [redacted]. While one triggers a response, the [redacted]



7.6. Using the information from 7.1-7.5, write a _____ of the nervous system.

7.7. **Research task:** select one aspect _____ in. Spend 15 minutes finding out what you can about it and present this information in small groups.

7. The Nervous System **ANSWERS**

7.1. Read the definition of the nervous system and answer the true/false questions below. Compare with a partner when you have completed the task.

The nervous system is a complex network of nerves and cells called neurons which are responsible for transmitting signals between various parts of the body. Neurons are connected to each other and other cells by ...

ALL ANSWERS INCLUDED IN PAID VERSION...