

The Human Body

Senses

4

Many people think that humans have five senses; touch, smell, taste, sight and hearing. However, there are other senses that we all have that help us to navigate the world around us.

A sense of touch allows us to recognise and respond to different textures and pressures, but it would be less useful without a sense of space. This is technically called proprioception and allows us to recognise where we are in the space around us. This is why we can walk without having to concentrate on where we put our feet and why we don't knock everything over when we walk past it. Without it, we would fall over whenever we raise a foot to move forward.

Our proprioception also allows us to move into position to catch a ball or dodge something that is thrown towards us.

We also have a sense of balance that works in tandem with the others to keep us upright. There are sensors inside our body that alert us when we need more oxygen or are dehydrated.

Some people perceive their senses in a different way. A condition called synesthesia means that some people see sounds as colours and smell things that we can see.

FOCUS ON - WORD

1 Write the past tense verbs in the table below.

present tense	past tense
think	
have	
raise	
catch	

2 Match each box to its correct determiner.
Use each box only **once**.

_____ five senses
_____ different texture
_____ alert body

a
an
the

3 Identify the prefix, suffix and root word in the word dehydrating.

prefix		+	root word		+	suffix
<input type="text"/>			<input type="text"/>			<input type="text"/>

FOCUS ON - SENTENCE

1 What is the grammatical term for the underlined words?
Tick **one**.

There are sensors inside our body that alert us when we need more oxygen or are dehydrated.

- subordinate clause
- prepositional phrase
- adverbial
- statement

2 Identify which word class the underlined words belong to.
Tick **one** box in each row.

sentence	adverb	conjunction	preposition
Our proprioception <u>also</u> allows us to move into position to catch a ball.			
There are sensors inside our body that alert us when we need more oxygen <u>or</u> are dehydrated.			
We have a sense of balance that works in tandem <u>with</u> the others to keep us upright.			

CHALLENGE

3 Tick two modal verbs.

- would
- can
- be
- are

FOCUS ON - TEXT

1 Circle the three pronouns in the sentence below.

There are sensors inside our bodies that alert us when we need more oxygen or are dehydrated.

2 Replace the underlined noun with an appropriate pronoun.

Proprioception is technically a sense and proprioception allows us to recognise where we are in the space around us.

CHALLENGE

3 Write two different adverbials in the spaces below.
Remember to punctuate your answers correctly.

Proprioception allows us to recognise where we are in the space around us. _____, this is why we can walk without having to concentrate on where we put our feet and _____ why we don't knock everything over when we walk past it.

almost certainly

until then

despite this

as a result

FOCUS ON - PUNCTUATION

1 Insert the missing comma in the sentence below.

Without a sense of space the sense of touch would be less useful.

2 Tick the box that shows where the comma should be placed.

Our bodies have other senses such as a sense of balance space and when the body is dehydrated.

3 Complete the table.

without a contraction apostrophe	with a contraction apostrophe
that is	
	don't
we would	

Answers - Senses

WORD

1. think = though
have = had
raise = raised
catch = caught
2. the five senses
a different texture
an alert body
3. de + hydrate + ing

SENTENCE

1. 2nd option – preposition phrase
2. adverb – Our proprioception also allows us to move into position to catch a ball.
conjunction – There are sensors inside our body that alert us when we need more oxygen or are dehydrated.
preposition – We have a sense of balance that works in tandem with the others to keep us upright.
3. 1st option – would
2nd option – can

TEXT

1. There are sensors inside **our** bodies that alert **us** when **we** need more oxygen or are dehydrated.
2. Proprioception is technically a sense and it allows us to recognise where we are in the space around us.

CHALLENGE QUESTION:

Proprioception allows us to recognise where we are in the space around us. **As a result/Almost certainly**, this is why we can walk without having to concentrate on where we put our feet and **almost certainly/as a result** why we don't knock everything over when we walk past it.

PUNCTUATION

1. Without a sense of space, the sense of touch would be less useful.
2. Our bodies have other senses such as a sense of balance, space and when the body is dehydrated.
3. that is = that's
do not = don't
we would = we'd