

# 3

# Your Five Senses

## Subject Area

The World of Science & Technology

## Topics & Curriculum Links

human body and senses (Science)

light and sound (Science; Music)

daily life (Civics)

disabilities (Science; Civics)

keeping safe (Civics)

machines (Technology)

animals (Science)

food (Science)

quantities and measurements (Mathematics)

## Vocabulary

senses; human body; daily activities; hobbies; musical instruments; food; animals; numbers; places; weather

## Grammar

present simple; present continuous; question forms; imperative; adjectives; prepositions; adverbs

## Teaching Ideas

See also [pages 6–7](#) for general ideas that you can adapt. Or go to [www.oup.com/elt/teacher/readanddiscover](http://www.oup.com/elt/teacher/readanddiscover)

### READ & TALK A Senses Presentation

After completing Project 1, students present their chosen sense to the rest of the class. They can talk or write about it like this: *This sense is sight / hearing / smell / taste / touch. I see / hear / smell / taste / touch things with my ... With this sense I can ...* Students then display all the designs together, and vote for the most important sense. They can then create a five-bar chart to present the results of the vote.

### READ & TALK A Senses Test

Bring in a number of things that students can hear, smell, taste, or touch. Individual students or groups then take turns to be blindfolded and to try to guess what the things are. Any students who want to participate will have to wait in an area of the classroom where they can't see the answers! Students can say or write what they think the things are. Students can then organize their own test on another day.

### Sense Detectives

In small groups or as individuals, students write a list of things that a sense lets us do, for example, things that we can see, hear, touch, smell, or taste. They then share their ideas with the class, and collect all the ideas on the board. They can then do the same with other senses. To make this more challenging, students can do this with one letter, for example, list the things that you can see that start with the letter 'm', or they can list something for each letter of the alphabet.

## Activities Answers

**Pages 24–25** 1 1 photo 2 eye 3 lamp 4 sun 5 traffic lights 6 rainbow  
2 1 watch 2 read 3 see 4 watch 5 look 3 1 see 2 detect 3 three  
4 white 5 dark 6 reflect 7 colors 8 lamp 4 1 colors 2 eyes 3 lamp  
4 photos 5 rainbow 6 dark 7 prism

**Pages 26–27** 1 1 iris 2 eyelid 3 pupil 4 eyelashes 5 sclera 2 1 false  
2 false 3 true 4 true 5 true 3 1 pupil 2 lens 3 retina 4 optic cells  
5 optic nerve 4 1 The retina is at the back of the eye. 2 Your pupils  
open more in the dark to let more light in. 3 The retina has millions  
of optic cells. 4 free answer

**Pages 28–29** 1 1 I can listen to my favorite music. 2 I can hear sounds  
from the right or the left. 3 I can listen to people when they talk to  
me. 4 I can hear when the telephone rings. 2 1 flute 2 bass drum  
3 tuba 4 whistle 5 wind chimes 6 jet plane 7 motorcycle 8 clock  
3 1 high 2 loud 3 low 4 soft 5 high 6 loud 4 1 high 2 tuba 3 loud  
4 sound 5 hear 6 motorcycle 7 flute 8 soft 9 music 10 listen  
5 free answers

**Pages 30–31** 1 1 vibrations 2 ear canal 3 eardrum 4 ossicles 5 cochlea  
6 auditory nerve 2 1 Sound vibrations go into the ear canal.  
2 The eardrum vibrates. 3 Then the ossicles vibrate too. 4 The cochlea  
detects the vibrations. 5 The auditory nerve collects the information.  
6 The information goes to the brain. 3 1 true 2 false 3 false 4 false  
5 false 4 bones, ossicles, vibration, eardrum, ear canal, cochlea,  
auditory nerve, hearing aid, implants, microphone

**Pages 32–33** 1 1 perfume 2 bad eggs 3 pizza 4 flowers 5 food waste  
6 cookies 2 1 They smell good: cookies, pizza, perfume, flowers;  
They smell bad: food waste, bad eggs; They're good to eat: pizza,  
cookies 3 1 It doesn't smell very good. 2 I think it's a skunk! 3 Yes,  
I think there's a fire! 4 Are you making cookies? 5 They're probably  
bad. 4 1 How does food waste smell? It smells terrible. 2 Do you  
like the smell of pizza? free answer 3 Do poisonous chemicals smell  
good? No, they don't. 4 What is your favorite smell? free answer

**Pages 34–35** 1 1 particles 2 nostrils 3 nasal passages 4 olfactory cells  
5 olfactory nerve 2 1 clouds, air 2 nostrils, nose 3 particles, nasal  
4 olfactory, different 5 nerve, brain 3 1 They open wider when  
something smells good. 2 They are in your nasal passages. 3 You have  
about 5 million olfactory cells. 4 It recognizes familiar smells. 4 1 cell  
2 nerve 3 clouds 4 nostril 5 passages 6 olfactory; the secret word is:  
particles

**Pages 36–37** 1 1 lemon juice 2 salt 3 orange peel 4 French fries 5 sugar  
6 honey 2 1 Salty 2 sweet 3 salt 4 bitter 5 sour 6 sugar 3 1 Many  
people add salt to make foods salty. 2 We can add sugar to make  
foods sweet. 3 Your tongue detects the tastes of your food. 4 Ice  
cream usually has a lot of sugar in it. 5 Meat and cheese have a savory  
taste. 6 We can make marmalade from bitter orange peel.  
4 & 5 free answers

**Pages 38–39** 1 1 tongue 2 bumps 3 tastes 4 nerves 5 brain  
2 1 false 2 true 3 false 4 true 5 false 6 true 3 1 tastes 2 food 3 bumps  
4 surface 5 tongue 6 sides 7 taste buds 8 front 9 nerves 10 back.  
4 1 There are about 10,000 taste buds on your tongue. 2 Most of them  
are at the front, back, and sides of your tongue. 3 Because they get  
old quickly. 4 It only takes about two weeks. 5 Because your senses  
of taste and smell work together.

**Pages 40–41** 1 1 It feels soft. 2 It feels smooth. 3 It feels hot. 4 It feels  
hard. 5 It feels cold. 6 It feels rough. 2 1 fire 2 glass 3 feathers  
3 1 hard 2 cold 3 rough 4 hot 5 smooth 6 soft 4 1 soft 2 rough 3 hot  
4 cool 5 smooth 6 hard 7 temperature 8 texture 9 warm 10 cold

**Pages 42–43** 1 1 face 2 neck 3 hands 4 feet 2 1 My skin has millions  
of nerve endings. 2 Nerve endings detect temperature and  
textures. 3 My face and neck are very sensitive. 4 I can't feel my skin  
when it's very cold. 5 Pain tells my brain that I'm in danger.  
3 1 touch, safe 2 endings, skin 3 signals, danger 4 nose, numb  
5 feel, hurt 4 1 tongue 2 eyes 3 sounds 4 nostrils 5 bitter 6 retina  
7 textures 8 cochlea 9 smooth 10 perfume