

UKS2, LKS3

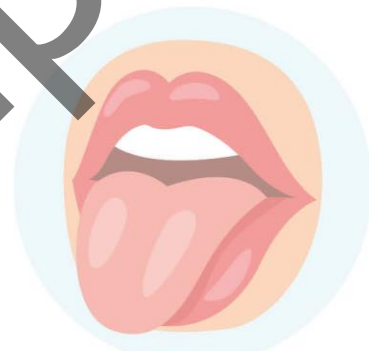
5 Senses



SMELL



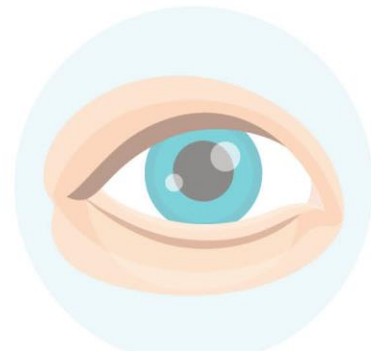
TOUCH



TASTE



HEARING



SIGHT

**TEACHING
PACK**

- Learn about the human senses in science
- Conduct experiments with taste, touch and smell
- Create a comic strip about a sensory superhero

Lesson plan: exploring the five senses

About this project-based lesson

This project-based learning unit is designed to teach and reinforce the concepts in a primary science unit on the five senses and can be used in conjunction with existing curriculum materials.

The project is divided into 5 milestones; each milestone includes a self-contained pupil project activity.

The minimum suggested duration for completing this project is 5 lessons. However, it is completely flexible and can be lengthened or shortened as necessary, based on available lesson time and interest level.

How to use this teaching guide

Each milestone for this project-based learning unit includes detailed daily activities presented in step-by-step order, with teaching notes, instructional guidance, and page references to resources and materials included in the teacher pack and pupil pack.

Daily activities are organized for you as follows:

- **Prepare (bell-ringer/opener activity)**

Use these short opening activities at the beginning of class.

- **Present (lecture/model)**

Use this portion of the lesson to deliver new subject material and project information, and to model any instructions or activity required for Produce or Participate elements.

- **Produce (pupil project work)**

Use this portion of the lesson to allow pupils to work independently or in small groups on activities and other project elements.

- **Participate (pupil/group share)**

Use this portion of the lesson to allow pupils to share out any project, research, or presentation materials.

- **Practice (homework/assessment/independent)**

Use this optional portion of the lesson, if desired, to give pupils homework activities.

Table of contents

Materials needed for the projects in this unit	3
Books about the five senses	4
Milestone #1 resources	
Sense organs: skin, nose, tongue teacher notes	5
The sense of touch answers	6
Milestone #2 resources	
The sense of smell answers	7
Setting up for the super sniffer activity	8
Milestone #3 resources	
The sense of taste answers	9
Setting up for the mapping tastes activity	10
Setting up for the super tasty activity	11
Five senses quick quiz	12
Five senses quick quiz answers	13
Milestone #4 resources	
Sense organs: eyes and ears teacher notes	14-15
The senses of sight and hearing answers	16
Sight and hearing activities guide	17
Milestone #5 resources	
Five senses summative assessment	18
Five senses summative assessment answers	19
Five senses project assessment sheet	20

Sight and hearing activities guide

Teacher Notes: Follow these directions to guide your pupils through activities to learn about the importance of having two eyes and two ears.

To illustrate importance of binocular vision:

- Tell pupils to outstretch one arm full-length in front of them and hold up their 'pointer' finger.
- Tell pupils to line up this finger with something in the background and then close one eye while continuing to stare at their finger and the background chosen.
- Ask the pupils turn and talk about what happened. (The background shifted.)
- Ask the pupils close the other eye and ask them what happened. (The background shifted again.)
- Ask the pupils answer the first question on the 'Sight and Hearing Activities' sheet on page 21 of the pupil pack.

Sound localization activity:

- Ask the pupils to form a circle. Choose one pupil to stand in the middle of the circle blindfolded.
- Give one of the pupils in the circle a bell or other musical instrument.
- Gently spin the blindfolded pupil several times.
- Signal the pupil with the bell to ring the bell several times and then pause. Then ring the bell several times more and pause again while the blindfolded pupil in the centre tries to determine where the noise is coming from.
- When the blindfolded pupil is confident they know where the bell is, ask them to point in the right direction and allow them to take off the blindfold.
- Repeat until all pupils have had the opportunity to be in the centre of the circle.
- Ask the pupils to answer the second question on the 'Sight and Hearing Activities' sheet on page 21 of the pupil pack.

Name: date:

Five senses summative assessment

Part A

Directions: Read each description below. Write the matching letter on the line to tell which sense you would use to observe each thing.

S - Sight

H - Hearing

T - Taste

SM - Smell

TO - Touch

..... The coldness of a piece of ice

..... Lights in a room

..... Smoke when you are sleeping

..... Salty pretzels

..... The doorbell ringing

..... Perfume or aftershave

..... The horn of a car

..... A rainbow in the sky

..... A sweet

..... The softness of a pillow

Part B

Directions: You have got pizza for dinner! Use each of your senses to describe the pizza and explain how that sense works.

Sight -

Hearing -

Taste -

Smell -

Touch -

Answers

Five senses summative assessment

Part A

Directions: Read each description below. Write the matching letter on the line to tell which sense you would use to observe each thing.

S - Sight

H - Hearing

T - Taste

SM - Smell

TO - Touch

TO	The coldness of a piece of ice	S	Lights in a room
SM	Smoke when you are sleeping	T	Salty pretzels
H	The doorbell ringing	SM	Perfume or aftershave
H	The horn of a car	S	A rainbow in the sky
T	A sweet	TO	The softness of a pillow

Part B

Directions: You have got pizza for dinner! Use each of your senses to describe the pizza and explain how that sense works.

Sight - *Answers will vary.*

.....

Hearing -

.....

Taste -

.....

Smell -

.....

Touch -

.....

Five Senses project assessment sheet

	4	3	2	1
Super Senses Story	The story includes all the important parts of a story - characters, setting, problem, important events, and solution.	The story is missing one important story element.	The story is missing two important story elements.	The story is missing three or more important story elements.
Comic Strip Length	The comic strip includes at least 6 panels.	The comic strip only has 4 or 5 panels.	The comic strip only has two or three panels.	The comic strip only has one panel.
Parts of the Comic Strip	The comic strip includes the characters, backgrounds to show the setting, important events, and speech bubbles to show what the characters are saying.	The comic strip is missing one important part.	The comic strip is missing two important parts.	The comic strip is missing three or more important parts.
Neatness	All of the panels of the comic strip are neat and easy to read.	One or two panels of the comic strip are not neat and easy to read.	Three or four panels of the comic strip are not neat and easy to read.	Five or more panels of the comic strip are not neat and easy to read.

Teacher's comments:

.....

.....