

The Five Senses--Sight

Parts of the Body

一、圖書簡介

教學重點： Reading comprehension

適用年段： 高年段

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出版者 Publisher： Barron's Educational Series

主題 Subject： The sense of sight

要旨 Main Idea / Theme： Senses

英文大意： A short scientific explanation of our sense of sight is given along, with an eye diagram.

中文大意： 視覺、聽覺、味覺、嗅覺以及觸覺是人類五大感官所司的五種主要感覺，各種感覺幫助我們認知這個世界，本書“Sight”主要在介紹視覺器官，我們用眼睛看世界，眼睛告訴我們東西的亮度、顏色、外型以及尺寸等特徵，眼睛的構造就好像是照相機呢！

二、閱讀前提問設計與參考答案

(T 代表老師 S 代表學生，若學生無法回答，由老師引導或示範。)

- 01 T Look at the cover of the book. What do you see?
 S I see a boy and a girl. /I see a cat and two birds. /I see many colorful squares.
 T 補充說明：請看封面，封面有一個男孩、一個女孩、一隻貓、兩隻鳥和許多五顏六色的方格子。

- 02 T Look at the title “The Five Senses-Sight”. What are “the five senses”?
 S The five senses are “sight, taste, smell, touch and hearing”.
 T 補充說明：五官就是指視覺、味覺、嗅覺、觸覺以及聽覺等五種主要的感覺器官。

- 03 T Take a guess. What is “the sense of sight”?
 S It is about our eyes.
 T 補充說明：視覺器官就是我們的靈魂之窗 -- 眼睛。

- 04 T What can we do with our eyes?
 S We can see everything with our eyes.
 T 補充說明：透過視覺器官 -- 眼睛，我們可以看見五顏六色、多采多姿的美麗風景和萬事萬物。

- 05 T What are our eyes like?
 S Our eyes are almost like a camera.
 T 眼睛的構造就好像是照相機呢！

三、閱讀中提問設計與參考答案

- 01 T Look at the first opening. How many children are there in this picture?
 S There are seven children in this picture.
 T What are they doing?
 S They are looking at something.

- 02 T What color is the dog?
 S It is brown-and-white.

- 03 T Look at the second opening. What do the children see?
 S They see the fireworks shooting fast through the air.

- 04 T Look at the third opening. Who do you see in this picture?
 S I see a boy and a girl.
 T What are the boy and the girl doing?
 S They are looking at a turtle.
 T Why are they looking at the turtle?
 S The turtle is going here and there.
 T How fast is the turtle going?
 S The turtle is going very, very slowly.

- 05 T Look at the fourth opening. What do you see in this picture?
 S I see two children playing chess in the living room.

- 06 T What is the chessboard like?
 S The chessboard is filled with black-and-white squares.

T What color is the sofa?

S The sofa is gray.

07

T What is on the sofa?

S A toy bear is on the sofa.

T What color is the toy bear?

S The color of the toy bear is brown.

T Look at the fifth opening. What is the boy looking at?

S The boy is looking at the rainbow.

08

T How many colors are there of the rainbow?

S There are seven colors of the rainbow, red, orange, yellow, green, blue, indigo, and purple.

T How does the rainbow look in the sky?

S The rainbow looks like an arch or a smile looking down from the heaven.

09

T Look at the sixth opening. What do you see in this picture?

S A boy is looking at the puppy playing in the field, and a girl is looking at a tiny ant.

10

T Look at the seventh opening. What animal is it?

S It is an elephant.

T How does the elephant look?

S The elephant looks very big.

11

T Look at the eighth opening. What are the children doing?

S They are reading books.

T How do they look at the pictures?

S They look at the pictures with their eyes.

12

T Look at the ninth opening. What else can you see with your eyes?

S I can see the moon, the sun, the stars, and the birds.

T What will happen if you look at the sun?

S I will harm my eyes if I look at the sun.

13

T Look at the tenth opening. What is on the bell tower?

S It is a clock on the bell tower.

14

T Look at the eleventh opening. What do you see in this picture?

S I see a boy sitting in the sofa and a girl sitting on the chair. They are looking at television.

- 15 T Look at the twelfth opening. How do you see everything?
S We see everything with our eyes.

四、閱讀後提問設計與參考答案

- 01 T What are the ways we find out about the world we live in?
S Our senses are the ways we find out about the world we live in.

- 02 T How do we see everything?
S We see everything with our eyes. Our eyes show us light, color, shape, size, and so on.
T What else can our eyes help us?
S Our eyes can help us figure out how far away something is.

- 03 T What do you name the black dot in the center of the eye?
S The black dot in the center of the eye is called “pupil”.

- 04 T What do tears do to our eyes?
S Tears keep our eyes nice and wet and clean.

- 05 T Why do we blink?
S When we blink, we clean out dust and anything else that might make our eyes uncomfortable.
T How many times do we blink in a minute?
S We blink about twenty times a minute.

- 06 T What is “far-sighted”?
S People have trouble seeing things that are close but can see things far away easily. It is called far-sighted.
T What is “near-sighted”?
S People can’t see things that are far away but can see things that are near. It is called near-sighted.

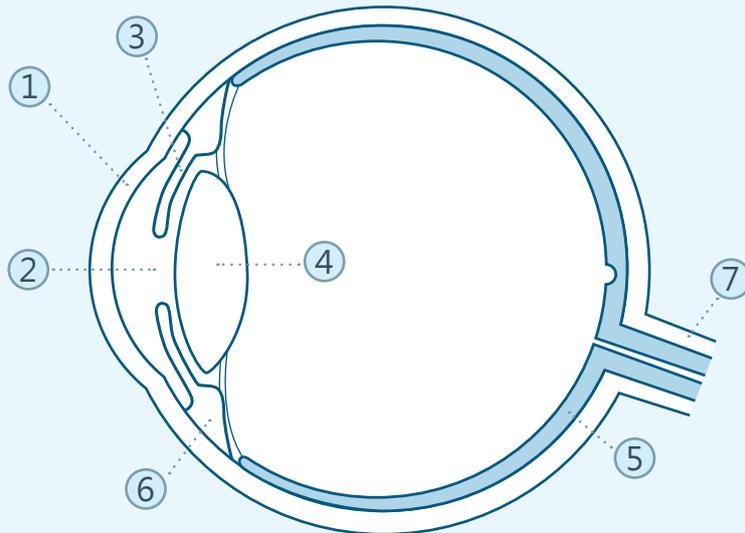
- 07 T How do we solve the seeing problems?
S Wearing glasses helps solve seeing problems.

- 08 T What should we do to our eyes?
S We should always take good care of our eyes because we see the beautiful world with our EYES.

Class _____ Number _____ Name _____

How the Eyes Work

Below is a drawing of the eye with some of the more important parts numbered. Write the names of the parts of the eye in the proper boxes.



Part Name	Function
①	Outermost transparent layer of eye. Begins focusing process.
②	Opening to the inner eye.
③	Controls size of pupil.
④	Focuses image of object (on retina).
⑤	Contains cells that detect light.
⑥	Controls shape of the eye.
⑦	Transmits information to the brain.

Class _____ Number _____ Name _____

Your Eye-Q Test

The statements below are designed to give you an idea of how well you understand your eyes. Check the Yes or No box next to each statement. After you are finished, read the correct answers.

Grade yourself as follows:

9-10, I understand my eyes very well;

7-8, my view of my eyes is pretty clear;

5-6, my concept of my eyes is a little fuzzy;

and 4 or under, I need to learn more about my eyes.



Yes No

Questions

- | | | |
|-----------------------|-----------------------|---|
| <input type="radio"/> | <input type="radio"/> | ① My eyes can distinguish only four colors. |
| <input type="radio"/> | <input type="radio"/> | ② Ten percent of what I know comes through my eyes. |
| <input type="radio"/> | <input type="radio"/> | ③ A lack of vitamin A in my diet can cause reduced night vision. |
| <input type="radio"/> | <input type="radio"/> | ④ The best color for sunglasses is blue. |
| <input type="radio"/> | <input type="radio"/> | ⑤ My eyelids work much like a car's windshield wipers. |
| <input type="radio"/> | <input type="radio"/> | ⑥ Sunglasses will allow me to look directly at the sun. |
| <input type="radio"/> | <input type="radio"/> | ⑦ Smoking can effect my vision. |
| <input type="radio"/> | <input type="radio"/> | ⑧ If I am nearsighted, I see near objects more clearly than distant ones. |
| <input type="radio"/> | <input type="radio"/> | ⑨ If I am farsighted, I see distant object more clearly than near ones. |
| <input type="radio"/> | <input type="radio"/> | ⑩ Regular eye examinations can help protect my eyes and general health. |