



Health Virtual Learning

Chapter 8.3 Keeping your Mouth, Eyes, & Ears Healthy

Truman High School

5/12/2020



Lesson: 5/12/2020

Objective/Learning Target:

1. Identify parts of the mouth.
2. Summarize ways to prevent and treat problems with the mouth and teeth.
3. Identify parts of the eye and their functions.
4. Describe common vision problems.
5. Identify parts of the ear and their functions.
6. Describe common hearing problems.

Oral Cavity

- The first area of your mouth is called the oral cavity
- The mouth includes the lips, teeth, and tongue
- A primary function of the mouth is to take in and chew food



Understanding Teeth

- Teeth consist of three distinct parts

- The crown is the visible portion of the tooth, protected by enamel

- The neck connects the crown to the root of the tooth

- The root contains blood vessels and nerve endings

Think Further

A normal adult mouth contains 32 teeth.

What are the different types of teeth called?

- Incisors
- Canines
- Premolars
- Molars
- Wisdom teeth

Common Mouth Problems

- Many people experience problems with their mouths
 - Tooth decay and cavities
 - Gum disease
 - Cold sores
 - Teeth misalignment
 - Bad breath

Critical Thinking...

Preventing Mouth Problems

What are strategies you can use to prevent some of the most common teeth and mouth problems?

Eyes

- Some people have vision problems

- Nearsightedness

- Farsightedness

- Astigmatism

- Presbyopia

- These problems can usually be corrected with glasses or surgery



Critical Thinking...

Protecting Your Eyes

What are simple strategies you can use to keep your eyes as healthy as possible throughout your lifetime?

Ears

- The ear receives sound as a series of vibrations, which are interpreted by the brain
- Your ears also play a role in helping you keep your balance



Parts of the Ear

- The ear has three main parts

- The pinna (outer ear) helps bring sounds into the ear, where they enter the ear canal

- The middle ear includes the eardrum and three small bones—the hammer, the anvil, and the stirrup

- The inner ear includes the cochlea, which is a spiral tube, and converts sound vibrations into neural impulses

- The inner ear also includes the semicircular canals, which are filled with fluid and help with balance

Common Hearing Problems

- The most serious problem associated with the ears is permanent loss of hearing
- Ear damage is often due to repeated exposure to very loud sounds
- Hearing loss can also be caused by a ruptured eardrum

Signs of Hearing Damage

- Early signs of hearing damage include
 - Difficulty hearing relatively soft sounds
 - Difficulty understanding speech during telephone conversations
 - Pain or ringing in the ears