



## Quiz Answer Key

- Your ears:
  - collect and process sounds
  - send signals to your brain
  - help you keep your balance
  - all of the above
- True or false: Earwax contains chemicals that fight off infections that could hurt the skin inside the ear canal.
- True or false: If someone is exposed to loud noise over a long period of time, permanent hearing loss can occur.
- Congenital hearing loss is present at birth. Acquired hearing loss happens later in life.
- True or false: Hearing loss is also the most common birth anomaly.
- Name two things that can cause hearing impairment:  
*(any two of the following: genes, head injuries, infections or illnesses, loud noises, medications)*  
\_\_\_\_\_  
\_\_\_\_\_
- Fill in the blanks (the first letter is given as a hint):

The main job of the outer ear is to collect sound. The middle ear takes sound waves and turns them into vibrations that are delivered to the inner ear. When sound reaches the inner ear, the vibrations (sounds) cause the hairs on the cells to move, creating nerve signals that the brain understands as sound. The brain puts it all together and you hear the sound.