

EARS AND HEARING

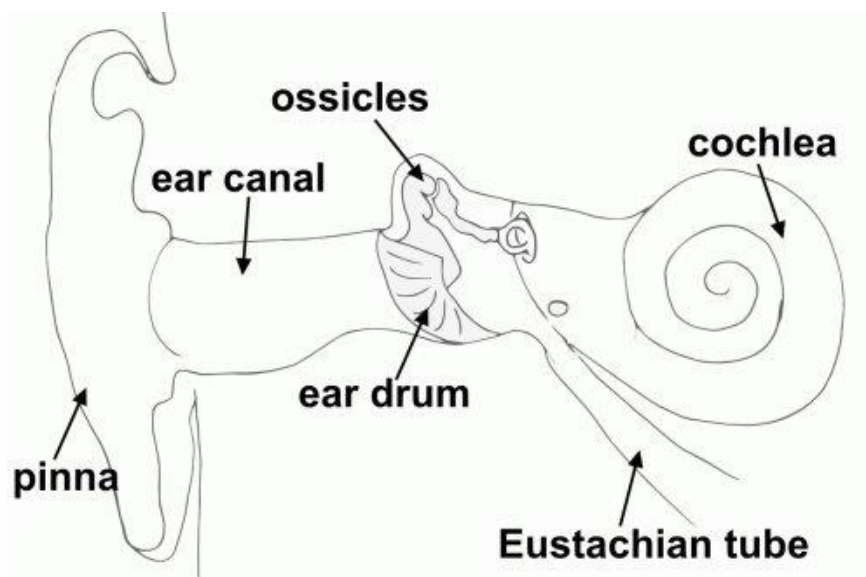
The **ears** are the organs of hearing. They detect **vibrations** (sound waves).

The ear has got 3 parts:

1. **Outer ear:** The sound travels down the **ear canal** to the **eardrum**.
2. **Middle ear:** The eardrum and the **tiny bones** receive the vibrations and transfer it to the inner ear.
3. **Inner ear:** The **cochlea** turns the vibrations into signals, that go to the brain through the **auditory nerve**.

HOMEWORK:

- Study this text
- Draw the **ear** and label its parts:



Pinna: medical word for *oreja*

Ossicles: tiny bones

Eustachian tube: a tube that connects the middle ear with the pharynx

- Page 70: exercise 5:

a) In which part of the ear are these things found?

1. The eardrum is between* the outer ear and the middle ear.

*between: *entre...*

2. The ear canal is in the outer ear.
3. The cochlea is in the inner ear.
4. The auditory nerve starts* in the inner ear.

*starts: *comienza..., porque llega al cerebro* (brain)

b) Complete the explanation of how we hear sounds:

Vibrations enter the head through the **ear canal**. The **eardrum** is a membrane inside the ear that receives the vibrations. The **cochlea** turns the vibrations into signals and sends them to the brain through the **auditory nerve**.