

Human Biology

Ear

Primary
School

Grade
8

Slovenia

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Lesson Overview

The aim of the lesson is to get acquainted with the ears' structures and how the ear works – with some basic knowledge on causes for the hearing loss.

Assesment criteria

- Students describe basic performance of the sense.
- Students identify parts of the ear.
- Students list several causes for hearing loss.

Models / channels used:

Human biology 1, Ear – section

Further resources, apps or technology needed:

Recorded sounds with corresponding pictures; animation on „how the ear works“, headphones with splitter.

Duration:

45 mins

Lesson Outline:

- **Opening**

Identifying different every-day sounds (animal voices, vacuum cleaner, train whistle etc.) with eyes closed.



- **Main**

Exploring the ear and its' structures using the Classroom Lite app.

Combining with animations on how the ear works from the interactive whiteboard software library.

Students fill-in blanks on a worksheet with screenshots from the Classroom app.

Basic ears' structures are pointed out and discussed, we also mention the semi-circular canals which help us in keeping our balance.

Students engage in discussion on how the hearing loss occurs and what it's like to be a hearing impaired person.

- **Closing**

We do a „hearing test“ through the site <http://myhearingtest.net>; through it we discuss the differences in peoples' hearing and how the hearing loss occurs as we get older. We might also do the Romberg test of balance.

Students receive a worksheet to revise the lesson for their homework