

What can I learn about the field of my side vision for the sake of choice of my future career

A grade 9 biology module

1. Abstract

Topic on what a student can learn about their field of side vision for the choice of their future career. Is it the same or different for everybody? For which professions is the central vision important and for which – the side? The aim of the lesson is to gain understanding of the compliance of the anatomy of sensory organs to their functions by performing an experiment on the measuring of the field of side vision.

2. Overall Competencies: reading, ability to retrieve the essential from the text, inquiry skills, experimental skills, communicative skills, social skills, cooperation skills.

3. Grade level: Grade 9

4. Anticipated time: 4 lessons of 40 minutes

5. Curriculum content: Topic on what a student can learn about their field of side vision for the choice of their future career. Is it the same or different for everybody? For which professions is the central vision important and for which – the side?

The aim of the lesson is to gain understanding of the compliance of the anatomy of sensory organs to their functions by performing an experiment on the measuring of the field of side vision. Results to be achieved by the students:

1. Analyses information about vision.
2. Tells about central and peripheral vision
3. By cooperating in a group, proposes an assumption of an experiment
4. Measures the field of side or peripheral vision
5. Analyses and evaluates the obtained results
6. Draws conclusions

6. Kind of Activity: Inquiry method, experiment, conversation, discussion, multiform questioning, modelling, work with the information



Project funded within the EC FP7 Programme: 5.2.2.1 – SiS-2010-2.2.1
Grant Agreement No.:266589

Supporting and coordinating actions on innovative methods in science education:
teacher training on inquiry based teaching methods on a large scale in Europe



This module was compiled by the Latvian PROFILES team.
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Professional Reflection-Oriented Focus on Inquiry-based Learning and Education through Science

Attached files		
1.	Student worksheet	Describes the scenario in more detail and the tasks the students should carry out.
2.	Teaching guide	Suggests a teaching approach.



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