

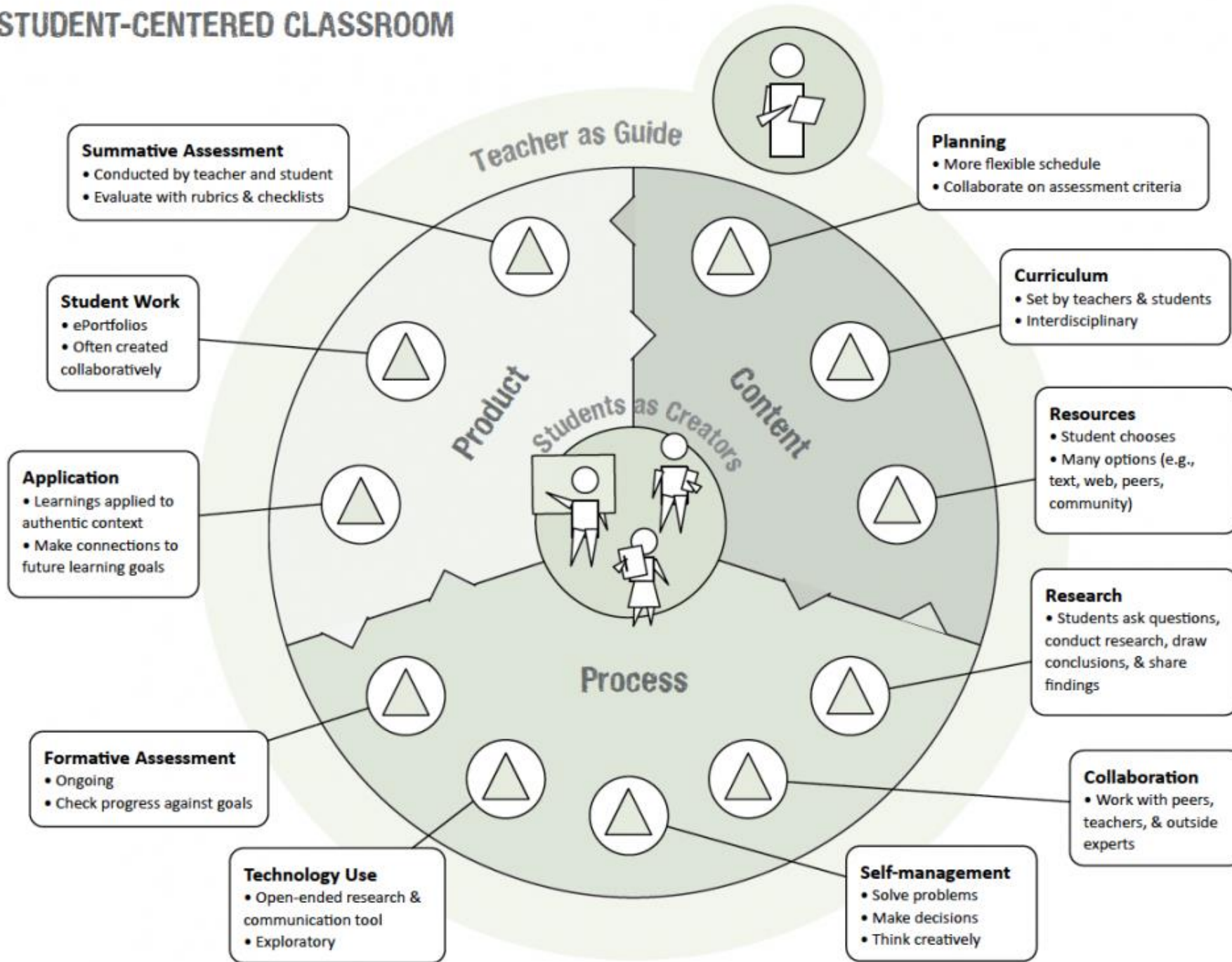


Introduction in the Auditory System

Authors

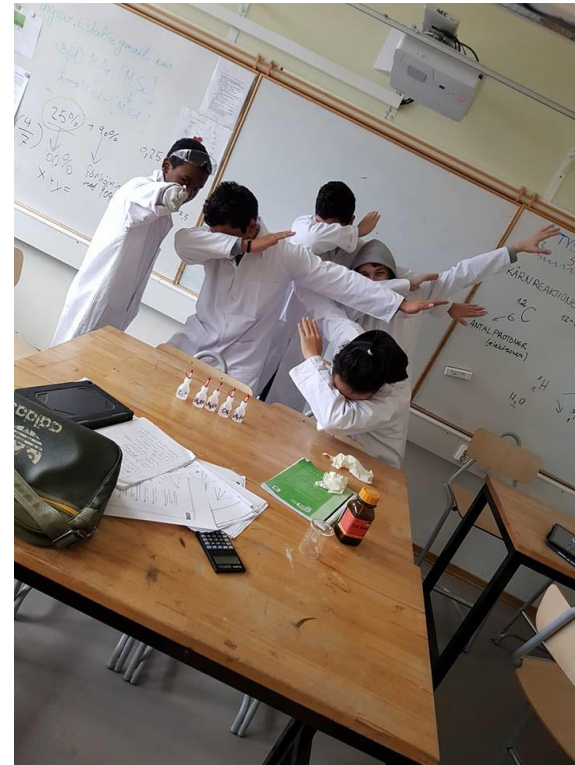
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STUDENT-CENTERED CLASSROOM



Lesson Plan Summary

- + Subject
 - + Biology, Physics, Math, Language, Technology = Interdisciplinary biology
- + Topic
 - + Communication in nature
- + Age of students
 - + 14-16
- + Preparation time
 - + 60 min
- + Teaching time
 - + 20 h



Teaching material

+ On Line

+ Spark, moodle, FB-groups, Edmodo, Padlet, Kahoot, Google Drive, TeacherDashboard, Scientix, Apps, e-books, Library, wiki-space

+ Off Line

+ Library, Articles, Visits, Artifacts, Community

Aim of the lesson

- + Investigate the ways of communication in real word
- + Purpose and reason of communication
- + Investigate different modes of communication
- + Investigate the anatomy and physiology of the auditory system

Trends

- + Investigative Inquiry Based trend
- + Humanistic
- + Life Long Learning
- + Open-Ended Research
- + Development of critical thinking
- + Ability of perform basis research
- + Competence to work in a team

Activities

- + Statement of the topic
 - + Introduction of the subject In form of general question (as the basis for mapping) Kahoot game
<https://www.facebook.com/ingvar.stal/videos/10156203054383613/>
- + Resources
 - + Find different resources
 - + Human
 - + Articles
 - + Books
- + Planning of research
 - + Creating the groups and assigning different roles
 - + Group discussion -> strategy building
 - + Creation of instruction for investigation

Activities

- + Working in groups
 - + Group 1 work
 - + Anatomy and physiology of the auditory system
 - + Group 2 work
 - + Modes of communication
 - + Group 3 work
 - + Audio communication between animals
- + Presentation of the group work
- + E-prortfolio

<https://www.facebook.com/ingvar.stal/videos/10156220818888613/>