

Review of the **Biology** curriculum

1. Are the learning outcomes and educational content appropriate for the developmental age of students?			
1 – inappropriate	2 – appropriate to a certain extent	3 – mostly appropriate	4 – completely appropriate
In gymnasium, under the educational learning outcome (B.4.2) EXPLAINS LIFE PROCESSES AT THE MOLECULAR LEVEL have described different processes, but there are no any learning outcome about molecular processes: Glycolysis , photosynthesis, binding and transformation of energy (Autotrophs and Heterotrophs).			

2. Are the learning outcomes and educational content appropriate for the number of lessons?			
1 – inappropriate	2 – appropriate to a certain extent	3 – mostly appropriate	4 – completely appropriate
Please explain what should be modified if Your answer is 1, 2 or 3.			

3. Are the learning outcomes and educational content relevant and based on scientific knowledge of the subject area?			
1 – no	2 – to a certain extent	3 - mostly	4 – completely
Please explain what should be modified if Your answer is 1, 2 or 3.			

4. Are the domains that are necessary for the subject area well represented?			
1 – no	2 – to a certain extent	3 - mostly	4 – completely
Please explain what should be modified if Your answer is 1, 2 or 3.			

5. Does the curriculum contain an adequate ratio of the breadth and depth of knowledge, skills, and attitudes in the subject area?			
1 – no	2 – to a certain extent	3 - mostly	4 – completely
Please explain what should be modified if Your answer is 1, 2 or 3.			

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6. Does the curriculum, especially as regards the proposals in chapters F and G (Learning and teaching, Assessment), enable the acquisition of the listed learning outcomes?			
1 – no	2 – to a certain extent	3 - mostly	4 – completely
Please explain what should be modified if Your answer is 1, 2 or 3.			

7. Are the proposed learning outcomes and other elements of the curriculum in line with the European and global recommendations?			
1 – no	2 – to a certain extent	3 - mostly	4 – completely
Please explain what should be modified if Your answer is 1, 2 or 3.			

8. Are the learning outcomes and educational content comparable with those in Your country?

Yes, the learning outcomes and educational contest is comparable with those in my country. The glycolysis , photosynthesis, binding and transformation of energy (Autotrophs and Heterotrophs), regulatory mechanisms in humans are separate topics with the learning outcomes in Estonia. We have less emphasise on chemical evolution on Earth.

9. Please suggest other modifications if You consider them necessary.

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10. Your conclusion about the proposed curriculum.

The curriculum embodies a society’s educational aims and purposes. This curriculum enables students to acquire and develop the knowledge, skills and values, and the associated capabilities and competencies. Curriculum includes dimensions of learning, including rationale, aims, content, methods, resources, time, assessment.

I really like the fact that there is a connection with the following cross-curricular themes: Health, Sustainable Development, Personal and Social Development, Civic Education, Learning How to learn, Entrepreneurship and the emphasises has put on an inquiry based teaching and learning. The learning outcome can be achieved by different activities and performing experiments.

There is a well-considered logic, clear aims for the curriculum. The curriculum is up to date, learner-centred, coherent and consistent across different education stages.

Outcomes are helped to develop young people with the competencies, values, citizenship responsibilities, and have been articulated in the curricular aims.