

28. eNature



| Title | eNature |
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| Content/ Subject areas | Science, Biology, Technology, Geography, Chemistry, Physics, Math |
| Target group: age range and size of the group | 14-19 years old Work in groups of 3-5 students. |
| Learning objectives / competences | Promoting a proactive students' approach to scientific subjects learning |
| Description of overall activity | Epimorfotiki Kilkis has a direct collaboration with Directorate of secondary education of Kilkis. In the frame of that collaboration we invited schools to cooperate in an innovative STEAM project. |
| Description of the process and teaching/ learning strategies used | Every associated school selected a geographical area of interest from our prefecture. They made a research on that area in the classroom. Then the students visited that area with the supervision of their science teachers. They made a research on different topics, such as geography, physics, chemistry, mathematics etc. Then they gather the results and put them in a platform created for that purpose. After that, with the help from their teachers, they produced a small video lessons regarding that different subjects (of studies). |
| Evaluation/ types of assessment | The whole process is supervised and monitored by the teachers. There will be peer assessment: one group assesses another group's work after the presentation of their work and debate on it |
| Materials and tools | Photos, drawings, videos (Annex) |
| Timing and learning environment | The implementation of the activities taking part outside the school area. The duration is one working day (6-7 hours). |
| Conclusion (Innovation what makes it good practice, further application) | The results are available as a good practice but also as an integrated e-lesson (CPS – STEM – EBSI). Students learn maths, geometry, biology etc. through nature. Teachers use the nature to present their scientific subjects through observation, calculation and collection of evidence by the students. Recording the process and the results giving an added value to the practice. |
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