

1. Activity description form

Title:	Observation of the oak (<i>Quercus robur</i>) bud bursting till coming into leaf, and the leaf arrangement (mosaic)
Proposing teacher(s) (teacher(s) who implemented this activity, in case someone would need to contact regarding the implementation of this scenario)	Rasa Pečiulionytė
Country	Lithuania
Language	Lithuanian
Target group	7-9 grades
Topic(s) addressed	Phenology, observation of bud bursting till coming into leaf, and the leaf arrangement (mosaic), life cycle of the oak tree.
Motivation to produce this activity	Outdoor activities, in natural environment, in a different environment. Possibility to observe seasonal changes by capturing them with the GIT app.
Type of activity: (Webquest, approach, lesson plan...)	Outdoor activities, recording, observation, analysis, discussion
Short description of the content	<p>The aim was to monitor the seasonal changes of the oak (<i>Quercus robur</i>). To develop observation skills. Bud bursting till coming into leaf and leaf fall.</p> <p>Students using the app collected information about the oaks, took pictures of buds, the crown of the oak, arrangement of branches in space.</p> <p>Students used the app (PhenoloGIT) to capture changes in photos at least once a week.</p> <p>The photos showed clearly the changes in the oak life during two seasons.</p> <p>Students compared the changes of those two seasons.</p>
Methodology	Outdoor observations, data analysis
Key competences implemented	✓ Carefulness and skills in collecting and presentation of information;

	<ul style="list-style-type: none"> ✓ Creativity, critical thinking; ✓ Informational literacy ✓ Insight, observance ✓ Attentiveness, observance and literacy skills ✓ Communication
Transversal skills worked	-
Resources needed (software, hardware, other tools...)	<p>PhenoloGIT app</p> <p>Smart device (phone or tablet)</p>
Related materials (links, pdf, etc. if any)	-
Time required (hours / months / per week, etc.)	Recording with a mobile app at least once a week (from October 1 to June 1)
Reference URL/s (if available)	