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Using Technology in Geography Lessons for Outdoor and Indoor Learning

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Integration and digital literacy, creativity and entrepreneurship are the most important areas for tomorrow's school and thus, technologies and new teaching methods have become more relevant today than ever. Therefore, this poster presents different activities, taking place inside as well as outside the classroom, to demonstrate how using technology in teaching makes lessons more interesting and offers various possibilities for creative works. The main goal is to use everyday technologies, such as cell phones, in an interesting and useful way to stimulate students' interest in science.

In the first part dedicated to outdoor learning, the poster shows how using drones for creative work, creating GPS art, and various activities conducted directly in the nature can stimulate students' interest in the studied topics. The goal is to make the learning process more interesting, productive, and to integrate various topics like biology, geography, physical education, mathematics, foreign languages, mother tongue, etc. The second part discusses the indoor lessons and presents ways on how work with maps in ArcGis or Google Maps and Inquiry learning via GoLab or Graasp can bring students closer to the topics and allow them to better understand the content. The successful application of all activities is demonstrated through examples from our school.