**THE WORKSHOP WITH OLDER STUDENTS**

**WORKSHOP REPORT: Climate change and its impact on climate and weather**

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1. Within the first activity of the project Climate Heroes - Let’s save the planet ! which was held on 27th November , 2020 *,*  the workshop” Climate Change and its impact on climate and weather” was realized with the sixth *-*grade students of our school.
2. The aim of this workshop was to raise the level of awareness among the participants about the problems faced by all countries and to make science of climate change more and more necessary.
3. In the introductory speech , Vesna Dimitrijević, the project coordinator , spoke about the project itself.
4. At the beginning of the workshop, the English teacher , Zorica Petrović, distributed cards with words related to climate and climate change both in Serbian and English , which students matched. Students revised their knowledge of climate and climate elements in a conversation with the Geography teacher, Draga Kesić. After watching the video material on climate change , there was a discussion on the topic of climate change, its causes and consequences.
5. The central part of the workshop was the realization of the experiment: Greenhouse model with the help of Physics teacher, Biljana Živković, which included the construction of the greenhouse model, temperature measurement, drawing graphs and drawing conclusions about the greenhouse effect. Supporting the evidence that increasing the concentration of CO2 increases the greenhouse effect has been done by starting the Phet simulation of the Greenhouse ,to which the students were directed by the Technics and Technology teacher, Dragan Raković.These experiments ( real and virtual ) allow students to understand why the greenhouse is a model for what happens in the atmosphere : (CO2 , water vapor,methane...) which cause the greenhouse effect play the same role as the glass wall (they let in visible light , which heats the ground, but do not allow one part of the infrared radiation emitted by the soil to go into the atmosphere ) and thus increases the temperature of the atmosphere. Now that the students have become more acquainted with the necessary terms, they matched word cards in Serbian with the word cards and their definition in English , students made a dictionary of appropriate terms of climate and climate elements with the help of their English teacher, Zorica Petrović .At the end of the workshop students solved the assossiation in English on the topic of climate change created by the Serbian teacher, Vesna Dimitrijević. All participants of the workshop shared their impressions of the workshop.
6. The conclusion is that we are really becoming aware of the fact that human activities are changing our planet and no one can predict what long-term consequences we will suffer because of that. Our planet is much more vulnerable than we think, so the effects of global change have already been felt.