

Angela Metallinou
German teacher

Story 1	<i>"Help! It's getting hotter!!"</i>
Aims	<p>On 18th May 2020 the Athens Observatory published an Announcement: "A record high temperature of at least 160 years for the second ten days of May was recorded at the Observatory station in Thissio (Athens) over the weekend 16-17/5/2020."</p> <p>Four students (15-17) will visit the Athens Observatory in order to investigate, search, learn and take/find photos from files of the historic Climate Archive of the NOA (National Observatory of Athens). Their aim is to create a digital story about the climate change during the last 160 years in their hometown Athens, "narrated" from the view of a historical monument, (for example the old parliament of Athens (National historical Museum), which was preserved during these years. The students will present this project at the 25th Summer School of Astrophysics, that will take place online on August 24 and 25, 2020 and will attend as participants.</p>
Materials	Files of the historic Climate Archive of the NOA (National Observatory of Athens), mobile devices (phones, laptop), access to internet
Resources and technology	<ul style="list-style-type: none"> - Filmora for mobile devices/computer - Bookcreator
Duration	<p>The video will be not more than 3'-4'.</p> <p>How long do you envision the preparation, recording and editing of your video is going to take?</p> <p>It depends from the capability of the students: 6-10 school hours the most.</p>
Procedure	<p>First of all students will be visiting the historical Archives at the NOA in Thissio (Athens) and learn, search, investigate, and find proper material to set up the digital story. Every student will have a specific role in the group: everyone is a researcher, but one is the project coordinator, the second one is the content manager, the third one is the scriptwriter and the fourth is the technician. As soon as the material is collected the group joins together and sets a dramatic question, that will help the story writer (with the help from the other members) to start to compose the story. Then photos should be assigned to the story, in the form of a storyboard, being edit with the help of a digital tool, as filmora or bookcreator. Finally, the script must be recorded (every member of the group should narrate using a specific</p>

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	<p><i>rhythm and voice punctuation), that would fit the story line and help the audience really "get into" the story. Finally, a suitable music must be selected, that will outline the whole project, which will be published, so it can be reviewed and evaluated., before being ready for presentation.</i></p>
<p>Learning outcomes & skills addressed (check out 21st Century Skills)</p>	<p><i>They should learn how to learn by doing, working in a group, sharing common experience and getting involved with the use of new digital media.</i></p>
<p><u>Evaluation/ Learn Check</u></p>	<p><u>How you are going to evaluate the set learning outcomes and skills?</u></p> <p><i>I will evaluate the set learning outcomes and skills by specific assessment criteria for digital storytelling</i></p> <p><u>Digital Storytelling Rubric 1</u></p> <p><u>Digital Storytelling Rubric 2</u></p> <p><u>Digital Storytelling Rubric 3</u></p>
<p>References</p>	<p><i>List of references used in the preparation and the execution phases.</i></p> <p><u>http://www.noa.gr/index.php?option=com_content&view=article&id=1076&catid=86&Itemid=547&lang=el</u></p> <p><u>http://www.meteo.noa.gr/GR/research_area_03_gr.html</u></p> <p><u>http://www.meteo.noa.gr/GR/services5_gr.html</u></p>
<p>Tips, observations, future work</p>	<p><i>This project could be the beginning of the foundation of an etwinning project or even an Erasmus+ project, where schoolpartners from Europe can observe and compare climate changes in their countries during the last hundred years, making in this way a historical retrospection, of how the climate of European countries used to be, how it affected the inhabitants life, work, existence in cities or in the province and how it evolved. That would lead to the involvement of various school subjects: science, languages, ICT, astronomy</i></p>