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Climate and Threats on Cultural Heritage (CATCH)
(2020-1-ES01-KA229-082560)
Italy Poland Serbia Slovakia Spain Turkey

Title: Solutions to Effects of Climate Change

<p>OBJECTIVE</p>	<p>The aim is to make students capable of identifying solutions to mitigate the causes and effects of climate change in three areas: energy saving, renewable energy sources and wastewater use.</p>
<p>MATERIALS NEEDED</p>	<ul style="list-style-type: none"> ● Worksheets on pollution, global warming and renewable energies: <ul style="list-style-type: none"> ○ https://www.linguahouse.com/esl-lesson-plans/general-english/global-warming ○ https://www.linguahouse.com/esl-lesson-plans/general-english/pollution ○ https://www.linguahouse.com/esl-lesson-plans/general-english/saving-the-earth ● Coloured cardboard to make a concept map on a playground wall about causes and effects of climate change and solutions they suggest in the three areas we propose: energy saving, renewable energies and waste water use. ● Pens, markers, highlighters, glue, scissors, paints, paper, sheets of paper. ● Videos.
<p>LESSON PLAN</p> <ul style="list-style-type: none"> ● INTRODUCTION ● LESSON CONTENT 	<p>We explain to students that, as they already know, the effects of climate change affect all areas of our lives and also our cultural heritage. For this reason, we encourage them to promote solutions to reverse this phenomenon. Through this activity they will seek, identify and present solutions to climate change.</p> <p>We expose some causes and consequences of climate change: energy production, fossil fuels, deforestation, pollution, droughts, floods, diseases, endangered species, endangered ecosystems ...</p>

<ul style="list-style-type: none"> • ACTIVITIES 	<p>We explain to students that there are almost three areas of solutions to reverse these phenomena: energy saving, renewable energy sources and the use of wastewater. Then we ask them to do three tasks:</p> <p>1st - Three worksheets, in international teams of 5 people already created, about global warming, pollution and renewable sources of energy. Their aim is to analyze and look for data to complete the mural in the playground.</p> <p>2nd. To fill in the mural with the two fields: the field of causes and effects of global warming and the field of solutions within the three areas proposed.</p> <p>Students complete the worksheets in international cooperative work teams. In this way they work, debate, analyze and share their ideas on the challenges that are proposed to them: identify the causes and consequences of climate change as well as the solutions within the areas that the teachers suggest. We also encourage you to come up with any more ideas that come to mind.</p>
<p>CONCLUSION</p>	<p>Fill in the entire wall map looking for a multitude of proposed solutions to the problems of climate change. Encourage students to take a proactive stance against climate change and protect our cultural heritage.</p>
<p>ASSESSMENT</p>	<p>Correct the worksheets and the wall poster: what the students have written, drawn, expressed, discussed... In which area do they see more solutions, what are for them the most important causes of climate change, what do they emphasize...</p> <p>Analyze how they work as a team: if there is communication, exchange of ideas, debate, cooperative work...</p>
<p>ONLINE TOOLS: VIDEOS</p>	<p>Climate Change Learn English Explained Simply Vocabulary, by LearningEnglishPRO: https://www.youtube.com/watch?v=VT-dvQCSM04&list=LL&index=26</p> <p>What really happens to the plastic you throw away by TED-Ed: https://www.youtube.com/watch?v=6xINyWPPB8&list=LL&index=27</p>