**Global Citizen Series**

**Climate Change**

**OVERVIEW**

<table>
<thead>
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<th>Topic</th>
<th>Climate Change</th>
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<tbody>
<tr>
<td>Age range</td>
<td>12-18</td>
</tr>
<tr>
<td>Subject</td>
<td>Arts &amp; Sciences</td>
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<tr>
<td>Duration</td>
<td>4 weeks</td>
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**DESCRIPTION**

This course pairs classrooms in two different countries. Students meet each other and learn about each other’s culture, environment, and community through secure asynchronous video exchanges. They research the impact of climate change on their environment and community, report their findings, and describe plans for action to their peers. Students respond to each other’s reports and reflect on their overall experience of doing the exchange.

**TASK TOPICS**

**Task 1: Getting to Know Our Partners**

- share their culture with their global partners by creating a video to describe typical school day, favorite activities, sports, holidays, and celebrations.
- interact with their global partners about their videos.

**Task 2: Research and Plan a Video Report**

- read and gather evidence to determine how climate change is affecting their environment and community.
- identify a particular issue caused by climate change that is affecting their environment and community and plan a report.

**Task 3: Share a Video Report**

- create a Video Report using clear reasons and relevant evidence to support claims of climate change’s impact on the environment and community.
- after viewing the partner video, compare and contrast environmental impact in their own and their partner’s environment and community, and propose actions.

**Task 4: Reflection**

- participate in a class discussion explaining what they learned and what they would still like to learn about their partners and the topic.
- prepare a short, written reflection on the exchange (optional).

**United Nations Sustainable Development Goals (UN SDGs)**

**Goal 13 Climate Action** Take urgent action to combat climate change and its impacts.

**NGSS Middle School**

**ESS3: Earth and Human Activity**

**ESS3.d: Global Climate Change**

Human activities, such as the release of greenhouse gases from burning fossil fuels, are major factors in the current rise in Earth’s mean surface temperature (global warming). Reducing the level of climate change and reducing human vulnerability to whatever climate changes do occur depend on the understanding of climate science, engineering capabilities, and other kinds of knowledge, such as understanding of human behavior and on applying that knowledge wisely in decisions and activities.

**ISTE Student Standards**

1.1 Empowered Learner
1.2 Digital Citizen
1.3 Knowledge Constructor
1.4 Innovative Designer
1.5 Computational Thinker
1.6 Creative Communicator
1.7 Global Collaborator