Climate Change
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Subject area: Social Studies, Science, English
Grade: all three middle school levels
Duration: 4 months (Sept-Dec)
Description of Project

Students developed in-depth knowledge about climate change through research projects, class discussions and activities that encouraged critical and creative thinking with real-world applications.
Learning Objectives:

– Promote environmental awareness
– Be active participants in preserving and creating the society they want to live in
– Promote team work
– Make real world connections
All roles rotated among the team members with each new small project.

Leader

Presented the project at the end of class

Writer

Recorded what other members said during discussion

Creative Designer

Created the aesthetic part of the project, i.e., PPT

Creative Designer

Researcher

Researched the topic of that day’s project

Researcher

Researched the topic of that day’s project
Activities

1. Water-carrying simulation
Activities

1. “What’s your carbon footprint?” activity
Activities

1. “Green” detergent making
Activities

1. School-wide “Happy Tree” campaign
Activities

1. Final Research and Reflection Project
   - Students chose a related topic they found most interesting and had to make a creative presentation about it like a video or article or essay
Reflection

• Challenges: At first, students were not enthusiastic about the topic. They believed it was too difficult to understand and boring. Also, as an English teacher, my knowledge of climate change was limited.

• Lesson learned: Next time, the topic will be introduced in a more stimulating manner like an interesting video clip, song or picture instead of just announcing it.

• Positive results: All students actively participated in all activities. Their confidence increased when they presented their ideas to the class. Students felt inspired to positively impact their environment and society. They learned empathy for others outside of their own culture and experience. The class as a whole including the teacher increased their knowledge about worldwide concerns.
Thank you