

SAGE Framework Planning Guide

Global Virtual Learning Projects

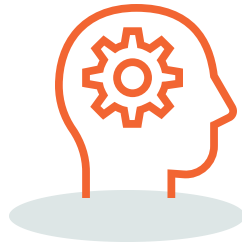
Project Title: Resource Curation: Oceans of Plastic

Grade Level/Subject/Discipline: 10th grade, Biology

Time Frame: 1 week

Objective: Students will curate a list of annotated resource about the impact of plastics in the ocean.

S



Student Choice

- Students will be grouped in pairs.
- Each group will select one issue about plastics in the ocean that they would like to address.
- Students will be given guidance on how to research their ideas, but the aspect of the topic will be selected by students. For example - pace of recycling, plastic decomposition, impact on life below water, innovations in ocean water clean-up.

A



Authentic Experiences

Students will design and structure their own curated lists and will make independent decisions about the following:

- Aspect of plastics in oceans to focus on
- Number of items in list and types of resources
- Structure of annotations
- Method of presentation

G



Global Significance

While exploring this issue, students can be introduced to the following concepts around plastic waste:

- Recycling facilities are not presently able to keep pace with the rate of disposal.
- The disposal of plastic can affect sea life, end up in the food supply, and then have an adverse effect on human health.
- Plastic has made many parts of modern life possible, but because it is cheap and relatively easy to produce, it is also used in ways that aren't strictly necessary.

E



Exhibit to a Real Audience

Students can display these lists on the school's website. The lists can be saved for use in subsequent projects about plastics in the ocean. They may tweet or use other social media posts to inform others about this global issue.

Resources:

- Ditch That Textbook: <https://ditchthattextbook.com/12-curation-ideas-for-students-and-teachers-with-wakelet/>
- Diggo.com: Create, research and annotate your resources for free
- Common Sense Education: <https://www.common sense.org/education/top-picks/great-apps-and-websites-for-curation>