

COLLECT, CREATE, COLLABORATE

"THE THREE SEAS"

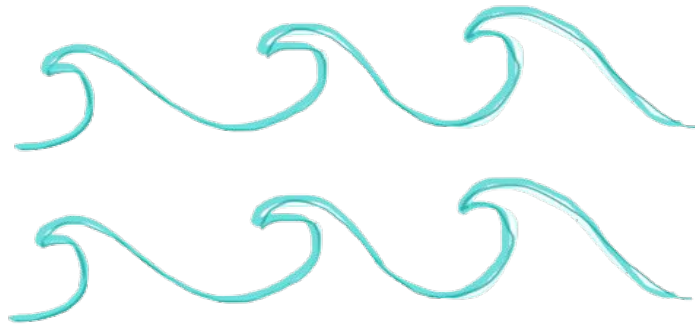
BY KAELIN S-G, ELLIE A-S, TATE WILLIAMS, GIULIO DAMIANI



SUMMARY

- ★ This is a project that creates a hands-on, creative and educational experience for students Grades 6 to 12. The participants will initiate a clean-up in a chosen local area (i.e. forest, beach, lake, river, urban area, etc.) collecting litter and rubbish. They will then work together to turn the collected garbage into an art piece based off of an animal that lives in that ecosystem. After completing the art piece, they will create a presentation to explain how the garbage that was collected effects/harms the animal, the ecosystem it lives in and eventually the ocean. After all this is completed, the students will do a reflection about what they've learned and how they can work to reduce their impact.

BACKGROUND KNOWLEDGE



How we affect our oceans: <https://youtu.be/jyLjUEOcLgg>

Beach Clean-up: <https://youtu.be/JtGsdYdObQ>

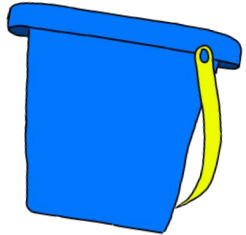
How it feels for the animals: <https://youtu.be/yaDx-WJAsaE>

<https://youtu.be/zhksqkC6WV0>

MATERIALS

➤ For the clean up:

- Buckets
- Gloves
- Garbage picker uppers (tongs)



➤ For the art project:

- The garbage collected
- Art supplies: glue, tape, paint, etc.



➤ For the classroom:

- Pens/Pencils
- Paper
- Laptop (for research and presentation)



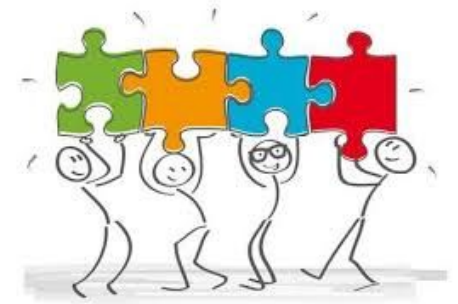
PROCEDURE

Time Period: One week



1. Choose clean-up area/environment
2. Perform clean up
3. Register on <https://www.shorelinecleanup.ca/>
4. Process and clean the garbage collected
5. Assign groups to do the art and research project with
6. Choose an animal from the ecosystem for the art piece and presentation
7. Start the process of assembling the animal art piece
8. Research the negative impacts the garbage has on the animal, the ecosystem it lives in and how much of it may come from your household
9. Present the art piece and research project to the rest of the class
10. If possible, students finished projects could be displayed in a public or community area such as an aquarium, school foyer, community center, etc.
11. After completion, students can sort garbage and recyclables and dispose of properly
12. Reflection of what they've learned and ways to reduce their impact

LEARNING POINTS



- Learn to collaborate with others
- Learning about different ecosystems, the animals that live in them and how the ocean is eventually affected
- Learning about the negative impacts humans have on nature and different environments
- Learn how garbage in any environment will eventually affect the ocean in a negative way
- Learning about how humans and the oceans are inextricably interconnected (Ocean Literacy Principle #6)
- Learn possible ways in which you can reduce your impact

TIPS AND TRICKS



- If not enough garbage is collected in the selected area, get students to bring garbage and recyclables from home.
- For different age groups and grades, it is possible to modify the depth of the research and the level of difficulty of the overall project.
- Aim for the cleanup to be in a natural environment local to the students.

THE TAKE AWAY/GOAL

- ★ Our goal is for students to understand the impact they have not only their local environments but also the world's oceans in a fun, hand-on, creative, interactive, and informative way.





THE BIGGER PICTURE

- ★ In the future, we hope to have every school across Canada participate in this week long event that we call “Ocean Week”. Schools can pledge to participate in a “Ocean Week” through the school year. These joint efforts would help to keep communities, environments, and our oceans clean and sustainable for future generations.
- ★ Another objective is to create a website/platform where schools engaging in “Ocean Week” would have access to information regarding when and where other schools are participating. This would allow schools across Canada to compare how much trash they removed, the different environments that were cleaned, which items were the most popular during the cleanups, and their creations nationwide. This platform also presents the opportunity for students to share what they have learned, as well as ideas regarding how to reduce their impact in their local environments and the world’s oceans.