



# Eco-Friendly Invention



**In this lesson, students will evaluate or refine a technological solution that reduces the impacts of human activities on natural systems.**

## **BACKGROUND:**

The wonderful thing about inventions is that the inventor does not have to have any experience or knowledge, just simply an idea. Students should be aware that people all over the world, no matter their age, are inventing new things every day! Especially, eco-friendly products or machines that can help solve an environmental issue. Eco-friendly means a product that is not harmful to the environment.

## **MATERIALS:**

- Paper
- Pen or pencil
- Coloring materials



## **PROCEDURE:**

- Have students research an environmental issue that they want to focus on.
- After thorough research, the students can draw and draft a technological item that will improve the environmental issue that they selected to address.
- The item must be eco-friendly, meaning that none of its components should be harmful to the environment.
- After the draft is sketched and completed, they can create a presentation to pitch their invention to a company doing work within a field related to their selected environmental issue.

## **CONCLUSION:**

This activity will have students use their imagination as well as engineering skills to create an invention entirely their own. This activity can be extended by having the students go back to the drawing board after presenting their product pitch to family members to make refinements. The student can contact the relevant company of their to share their idea!

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