

Grade: 5

Subject: Science

Time: 120 minutes (2 periods)

Topic: Pollution

What a Waste!

BIG QUESTION

What is the impact waste has on our environment and why do we need to reduce our waste impact?

SUCCESS CRITERIA

Students will learn to analyze the long-term effects that resources have on the environment.

ONTARIO CURRICULUM EXPECTATIONS

Assess the effects of social and environmental factors on human health, and propose ways in which individuals can reduce the harmful effects of these factors and take advantage of those that are beneficial

LESSON COMPONENTS

As a class, a discussion will be had about *the places in which we find trash/waste where it should not be*. Students will work in groups to come up with as many ideas as they can in 5min. Then students will make predictions on *the types of trash that their class might generate during the week*.

Students will create a collage using old, recycled magazines and newspapers. The collage will show a scene or a specific example of the impact that waste can have on the environment. Students will be required to research prior to this project so that they can better understand the impact waste can have. Students may also choose to create a collage of what the earth or specifically Canada will look like if our waste is not reduced. Alternatively, students can design a scene where waste is lessened and how different our world could look. By completing this activity students will be able to visualize the consequences of waste in their own lives.

ASSESSMENT

The collages will be assessed on creativity and research out into the design and how it relates to real life waste problems or solutions.