

Lesson Time:
60 minutes

Environmental Introduction

Based on various "Waste" articles

**"We have met the enemy and he is us."
--Pogo**

The quote is taken from the publication page of Just a Dream by Chris VanAllsburg.

Objective

Students will be able to determine how an individual's actions are related to the world around them.

Standards

N.12.B Students understand the impacts of science and technology in terms of costs and benefits to society.

N.12.B.1 Students know science, technology, and society influence one another in both positive and negative ways. E/S

N.12.B.2 Students know consumption patterns, conservation efforts, and cultural or social practices in countries have varying environmental impacts. E/S

Materials Needed

30	Sunrise Landfill handouts or an overhead
30	Sunrise Landfill articles or an overhead (other articles or videos can be substituted)
1	Whiteboard

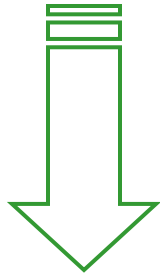
Anticipatory Set

Write the lesson objectives and/or standards on the whiteboard.

Discuss with the students what the objectives and/or standards of the lessons are.

Objective: You will be able to tell how your actions affect the world around you.

Distribute handouts (or post overhead).



Introduction:

“We are going to start our study of waste and recycling by reading various articles about waste.”

Modeling / Guided Practice

1. Independent Reading.
2. Discussion: *What do you think about the possible contamination of your drinking water resource?*
3. Using the think-pair-share strategy, have the students discuss the following question: *What does this contamination tell you?*
4. Using the think-pair-share strategy, ask the students to predict what may happen to Sunrise Landfill. (Conflicts / Resolutions)

Modeling / Guided Practice

5. When the independent reading time is done, have the students focus their attention on the handouts or overhead.
6. With teacher support, have the students complete the discussion questions.
7. If time permits, discuss as a group.
8. Optional articles are included. Teacher may choose a different article or separate the class and have different groups work with alternative articles.
9. If time permits, individual articles can be discussed as a group.

Closure:

1. Using the think-pair-share strategy, have the students answer the following question:

“How do your actions affect the world around you?”

Independent Practice

1. Not applicable for this lesson.

Link to this lesson’s article and other recommended articles:

“EPA Orders Republic Services to Remediate Sunrise Mountain Landfill in Clark County”

<http://forums.startsampling.com/archive/index.php/t-19857.html>

“Why is the World’s Biggest Landfill in the Pacific Ocean?”

<http://science.howstuffworks.com/great-pacific-garbage-patch2.htm>

“Our Oceans Are Under a Great Threat”

<http://www.lclark.edu/~krauss/advwrf99/causeeffect/mubarakcause.html>