

## From Oil to Plastic

### Rubric

A rubric is a scoring tool that helps you understand how your work will be evaluated. This rubric is provided to show you the expectations for your performance and engagement during the lesson based on specific tasks.

Name \_\_\_\_\_ Date \_\_\_\_\_

Task	4	3	2	1
<b><i>From Oil to Plastic Video Notes</i></b> (Individual)	Notes are detailed, complete, and neat. Responses to focus questions are thorough and correct.	Notes are mostly detailed, complete, and neat. Responses to focus questions are correct, though may lack some detail.	Notes lack detail or are difficult to read. Some responses to focus questions are incorrect.	Notes are incomplete.
<b><i>Plastic Life Cycle Poster</i></b> (Group)	The group's poster includes all of the steps for making plastic in the correct order, with a thorough description of each step.	The group's poster includes all of the steps for making plastic; most are in order, with an accurate description of each step.	The group's poster includes all of the steps for making plastic, although a few are not in order and/or missing descriptions.	The group's poster is incomplete; or, it includes all the steps for making plastic, many are out of order and/or missing descriptions.
<b><i>Life Cycle of a Plastic Bottle</i></b> Summary (Individual)	Summary thoughtfully explains the all of the steps in the life cycle of a plastic bottle, including the choices people can make when they are done with their plastic bottle, and the consequences of those choices. Facts from video and text are integrated as supporting evidence.	Summary correctly sequences all of the steps in the life cycle of a plastic bottle, including the choices people can make when they are done with their plastic bottle, and the consequences of those choices. Some facts from video and text are integrated as supporting evidence.	Summary correctly sequences some of the steps in the life cycle of a plastic bottle; only briefly addresses the choices people can make when they are done with their plastic bottle, and the consequences of those choices. Few facts from video and text are integrated as supporting evidence.	Summary incorrectly or superficially sequences the life cycle of a plastic bottle; does not contain facts or evidence drawn from the lesson.

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Plastic Life Cycle Cards

Directions: Cut out each card and glue the cards in chronological order to show how a plastic bottle is made and how it can be used again to make a new product. Arrange the cards on your poster to show a cycle (in a circle).

# Crude oil is transported to refineries by pipelines, ships, trucks, and rail cars

# Crude oil is refined.

# Products are recycled so they can be made into new products.

# People buy plastic products, and products contained in plastic bottles.

# Plastic pellets are made from oil or recycled plastic products.

# End-of-life for plastic products.

# Plastic pellets are made into bottles and other plastic products.

# Plastic products are transported to stores.

# Products are landfilled and gone forever.

# Crude oil is extracted from the earth.

From Oil to Plastic

From Oil to Plastic — Notes During the Video

Videos and other multimedia can be an effective way to learn information on a topic. Before the video begins, read the entire notes page thoroughly. As a result, you'll know what information you should be watching and listening for. Then, pay close attention to the information presented in the video, and take notes on what you see and hear. These notes will be an important resource for you later in the lesson. There's a place at the bottom for questions you have during the video.

Name \_\_\_\_\_ Date \_\_\_\_\_

Video Topic \_\_\_\_\_

Throughout the video, the narrator will state facts and details supported by evidence. Use the boxes below to write down important facts relevant to the topic, as well as the evidence given to support each claim.

Table with 3 columns and 3 rows. Row 1: 1. Example: Fact: Many of the products we use every day are made of plastic. Evidence: 90% of the products we use every day are made with some type of plastic. 2. 3. Row 2: 4. 5. 6. Row 3: 7. 8. 9.

Questions?

Four horizontal dotted lines for writing questions.

From Oil to Plastic

From Oil to Plastic — After the Video

Name \_\_\_\_\_ Date \_\_\_\_\_

Video Topic \_\_\_\_\_

What was the main idea or central message of the video?
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Using your list of facts and details above, choose the 3 most important facts that you believe best support the main idea.

1)
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2)
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3)
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Summarize the information presented in the video. If you need help, paraphrase your main idea and supporting details outline above.

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