

Name \_\_\_\_\_

Teacher \_\_\_\_\_

**G4 Project**  
**#plasticfreechallenge**

**DAY 1** - Individual Research

Record your notes below and be prepared to share what you learned  
TOMORROW

Research at least TWO chemicals that are released from plastic.

1. Describe how or why the chemical is released from the plastic
2. Describe how the chemical could impact a living thing
3. Describe how the chemical could impact human health

Chemical 1

Chemical 2

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Chemical 3

Chemical 4

Space for Additional Notes

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**Day 2** - Group Sharing & Research

**Task 1**

Share your individual findings with your group. What chemicals did you learn about? What effects do they have on living things? Record your notes here.

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## Task 2

After sharing, choose 1-2 chemicals that you would like to focus on for this project. Your task for the next part of the project is to work together to answer the following questions:

- What happens when plastic breaks down?
  
  
  
  
  
  
  
  
  
  
- How do chemicals affect wildlife or human health?
  
  
  
  
  
  
  
  
  
  
- How can you bring awareness to others about using plastic (***in regards to the chemicals that you researched***)?

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### Task 3

In your team, determine your next steps.

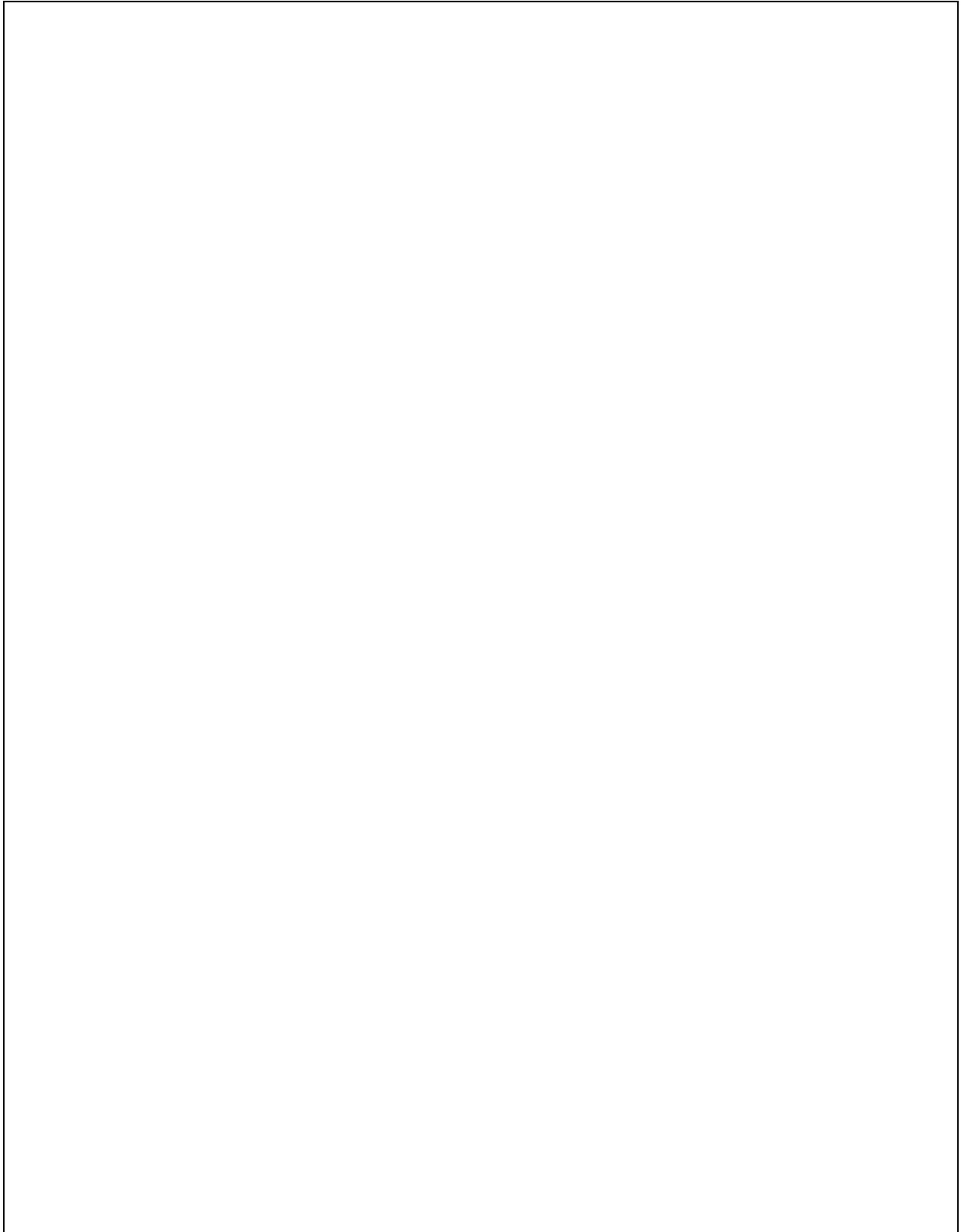
- What do you already know? What do you need still need to know?
  
- How can you raise awareness to others in regards to what you have learned?
  
- BE SPECIFIC in thinking about raising awareness to others. We already know “plastic is bad.” What SPECIFIC types of plastic should be avoided and why? Is there a simple change that people can make in their lifestyle - and why should they?
  
- You will need to present your awareness campaign on Friday. What can you create to spread awareness to others? Ideas:
  - Short video
  - Commercial
  - Advertisement
  - Song
  - Artwork
  - Sign
  - Other...

You will have TWO MINUTES to present your campaign on Friday. You will need to JUSTIFY your reasoning for the product you create and be prepared to answer questions from students and teachers.

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## Notes

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## **G4 Project**

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#### **Day 3** - Create your product

##### Task 1

Work together in your team to create your awareness campaign. ALL members of the group need to be involved in the creating the product in some way.

Notes:

Task 2

Receive feedback from another student (there will be juniors and seniors available to provide feedback on your ideas during this time). **Each student should receive feedback individually and report back to their team.**

Use this format to receive feedback:

DRIVING QUESTION CHARRETTE PROTOCOL		
<b>PRESENTER</b>	<b>Presentation:</b> <ul style="list-style-type: none"> <li>Presenter explains their project idea and DQ;</li> <li>Presenter asks a specific question to frame the feedback e.g. "What can I make better about..?" "How can I improve...?"</li> </ul> <b>Thought Partner listens.</b>	2 minutes
<b>THOUGHT PARTNER</b>	Partner gives suggestions providing helpful, specific, and kind feedback: <b>"I Like..."</b> : Audience shares what they liked about the project (8 Essential Elements) and the DQ <b>"I Wonder..."</b> : Audience shares concerns (Authentic, Leads to In-Depth Inquiry, Student-Friendly)  <b>Presenter Listens.</b>	2 minutes
<b>PRESENTER AND THOUGHT PARTNER</b>	<b>Open Discussion</b> <b>Presenter and Thought Partner</b> have a <b>dialogue</b> about the suggestions/ feedback.	2 minutes
<b>TOTAL TIME</b>		<b>6 minutes</b>

Notes on feedback received:



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**Day 4** - Presentations

You will have TWO MINUTES to present your campaign and reasoning to students and faculty.

Please take notes on the other presentations here:

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Teacher \_\_\_\_\_

