Name: _____

Class Period: _____

The Thingamabob Game

Directions: Read the game information below and highlight or underline important information.

Objective: Your goal is to become a successful thingamabob company by producing and selling thingamabobs to turn a profit. In addition, you must be aware of how your company is influencing climate change through CO2 emissions from your company's thingamabob production.

Company Information

- Your team has a business producing thingamabobs
- Each team starts out with $1,000
- It costs $1 to produce 1 thingamabob
- For every thingamabob your team produces your profit is $2
- For example, if you choose to produce 200 thingamabobs your profit will be $200

Rewards for Highest Profit

1st and 2nd Place: Candy for every group member

3rd Place: Two candy bars split between every group member

4th Place: One candy bar to split between group members

5th Place: Nothing

6th Place: Nothing

7th Place: Nothing

Environmental Information

- The world in the thingamabob game begins at **380 Parts Per Million** (**PPM**)

- For every **1,000 thingamabob produced 2 Parts Per Million** (**PPM**) CO2 are put into the atmosphere
- If the total CO2 production of thingamabobs for ALL groups produces over the trigger number of somewhere between **420 and 460 Parts Per Million** (**PPM**) **the Earth's environment will be damaged beyond repair, and no one will receive any candy**

Company Name:

Who is in your company (**list each person**)**:**

<u>Decide who in your group is each of the following roles and list their name below:</u>

Timekeeper (**watches the clock and reminds team members of deadlines**)**:**

_____

Group Input Collector (**asks each group members opinion on how many thingamabobs to produce each round and helps the group reach a collective decision**)_____

Mathematician (**calculates costs and profits for thingamabob production**)_____

Environmental Risk Assessor(**assesses risk of thingamabob production based on CO2 PPMS**)_____

ROUND 1
Available Capital ($): $1,000
Number of Thingamabobs Produced in This Round:
Total Capital ($) after production:

ROUND 2
Available Capital ($):
Number of Thingamabobs Produced in This Round:
Total Capital ($) after production:

ROUND 3
Available Capital ($):
Number of Thingamabobs Produced in This Round:
Total Capital ($) after production:

ROUND 4
Available Capital ($):
Number of Thingamabobs Produced in This Round:
Total Capital ($) after production:

ROUND 5
Available Capital ($):
Number of Thingamabobs Produced in This Round:
Total Capital ($) after production:

Exit Ticket

Answer each question below in 1-2 sentences.

1. **Describe what went on in your group. What pressures did you feel?**

2. **What prevented you from caring more about the environmental impact your company was making?**

3. **How does this game resemble real life? What was unrealistic about the game?**

4. **Is the game "rigged"? Could the rules be changed in a way not to lead to climate ruin?**

Emerging (D)	**Approaching (C)**	**Proficient (B)**	**Advanced (A)**
Does not answer all questions.	**Answers each question with limited insight on the game.**	**Fully and completely answers the question with insights from the game.**	**Proficient + demonstrates a thorough and nuanced understanding game through thoughtful insights.**