

6CER - Section 2 - Evaluating Competing 50 Year Plans

Unit 6

Name: _____

Period: _____

Date: _____

You are tasked to write an essay communicating the problem you are trying to solve with the 50 Year Energy Plan and evaluate your design solution against others.

There will be four (4) sections of your essay:

1. Exploring Our Engineering Challenge (Claim)
2. Evaluating Competing 50 Year Plans (Evidence)
3. Reasoning about the Best Design (Reasoning)
4. Limitations of your Plan

At this time you should complete section 2, Evaluating Competing 50 Year Plans (Evidence). You should use your graphic organizer to complete this task.

Use the following outline and color coding to help format your essay

- Your plan
 - Screenshot of your plan with a title
 - Describe the strategy of your plan
 - Describe the strengths and weaknesses of your plan
- Competing plan
 - Screenshot of a competing plan
 - Describe the strategy of the competing plan
 - Describe the strengths and weaknesses of the competing plan

2. Construct your Evaluating Competing 50 Year Plans (Evidence) below.

Delete this and insert a screenshot of your plan here:

Figure 1: My 50 Year Energy Plan

[Click Here To Type My Plan.](#)

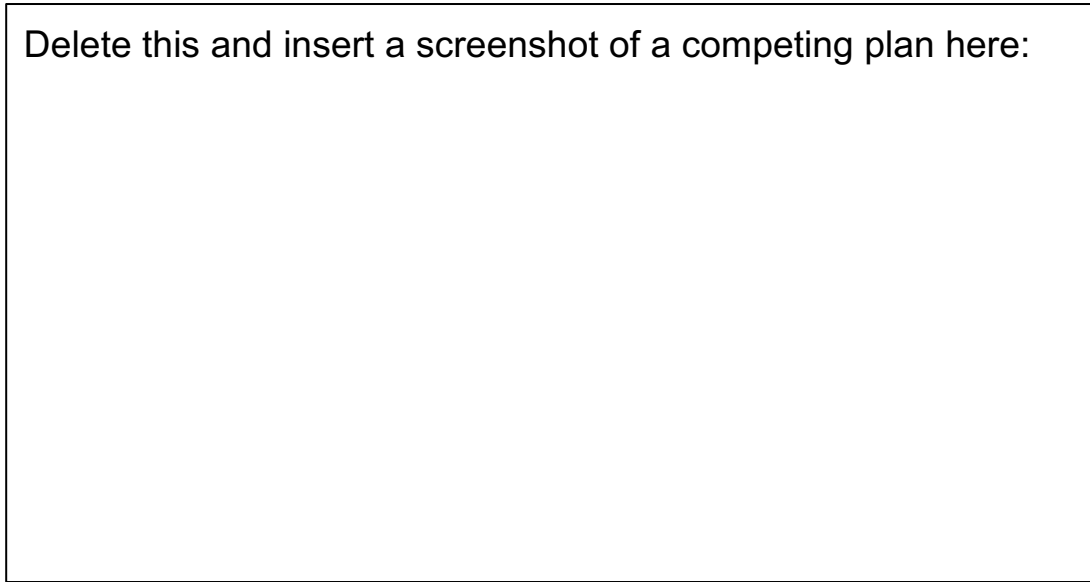


Figure 2: Competing 50 Year Energy Plan

[Click Here To Type Competing Plan.](#)

Rubric	4	3	2
50 Year Energy Plan	Creates a successful 50 Year Plan that Meets All of the Constraints and Shows Evidence of Multiple Iterations	Creates a successful 50 Year Plan that Meets All of the Constraints	Creates a 50 Year Plan that Meets Most of the Constraints
Evaluation of 50 Year Energy Plan	Provides a detailed description of the strategy of the plan and justifies choices. Details strengths and weaknesses and how those came about.	Describes strategy of plan and explains choices that were made. Explains strengths and weaknesses.	States the strategy of the plan. Points out strengths and weaknesses.
Evaluation of Competing Plan	Explains the competitors strategy. Details strengths and weaknesses and how those came about.	Explains the competitors strategy. Explains strengths and weaknesses.	States the strategy of the plan. Points out strengths and weaknesses.