

6CER - Section 3 - Reasoning about the Best Design

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 3, Reasoning about the Best Design (Reasoning). You should use your graphic organizer to complete this task.

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

- Make a what criteria you found most important and state which plan best fulfills that priority.
- Describe the differences between your plan and the competitor's plan in terms of the criteria and strategy.
- Conclude which plan you find better and explain why.

3. Construct your Reasoning about the Best Design (Reasoning) below.

ClickHereToTypeConclude. ImportantDiferences. Conclude.

Rubric	4	3	2
50 Year Energy Plan		Makes a conclusion about which plan is better and justifies the conclusion.	Makes a conclusion about which plan is better.
Describing Important Differences	Provides a detailed description of important differences between all three criteria of the two strategies and describes how those differences come about.	Describes most of the important differences between the two plans in terms of their criteria.	States some of the important differences between the plans.