

# Climate Change Design Challenge

## Initial Report

### Due: February 2, 2024

In total, your report should be at least 2-3 pages in length. The report should convince the reader that your issue needs to be addressed, that your adaptation design can successfully address the threat, and that the community should implement your design or project.

#### 1. Introduction

- a. Explain the coming challenges that will result from climate change and how it will affect your community. Remember, your audience may not know as much about the causes, signs, and impacts of climate change.

#### 2. Ask

- a. Share the specific goal you have set for yourself. In other words...
  1. What issue are you addressing (sea level rise, food insecurity, etc.)?
  2. What specific local impact are you developing an adaptation solution to?
  3. How will this help your community?

#### 3. Imagine

- a. Include your thought process and some of the other ideas you had for addressing the issue.
- b. Include at least three ideas that you had during your brainstorming session.

#### 4. Plan & Create

- a. Lay out at least three solutions you brainstormed as a team
- b. Introduce your chosen solution
  1. Why did this solution win out over your other ideas
  2. Explain how your chosen design will help to address your chosen climate impact
  3. Include your detailed, labeled sketch to help better explain your design
  4. This image can be up to 1 page
  5. Include an estimated budget to produce your prototype (not to exceed \$100.00)

#### 5. Test & Improve

- a. State and explain how you can or would test a real working model of your design or solution

#### 6. Conclusion

- a. Make a persuasive argument to your community that climate change impacts will need to be addressed, and that your design should be adopted and implemented to safeguard your community.

SUBMIT YOUR INITIAL REPORT TO JACKY LEYVA - JLEYVA@OCDE.US

## Scoring Rubric

	<b>Criteria</b>	<b>Possible Points</b>
1	Project is creative and original	10
1	Project is realistic and feasible within current scientific understanding	5
2	Project is well researched	10
3	Clearly explains How this project will mitigate or adapt to climate change	20
4	Includes related scientific (or social science) foundation, research, findings etc.	5
5	Presentation	10
	<b>Total Points</b>	<b>60</b>