

# Project: Blue Planet Report

The Blue Planet Report is a project that students complete as they progress through the Blue Planet unit. It is broken down into 3 sections:

- **Analysis**  
For each lesson, students add three captioned images that helped them draw their conclusion, imported from the end of the lesson.
- **Synthesis**  
Students discuss three topics that cut across the lessons (greenhouse effect, causes of warming, consequences of warming), supporting each with 2 images and captions
- **Design**  
Students set a target limit for warming of Earth, then evaluate several scenarios before designing their own plan, analyzing it, and defending it.

The Report is not graded automatically and will require manual grading by instructors or teaching assistants. In the Report, students may print it using the provided button and bring in a hard copy for grading in face-to-face or blended classes, or students can use a browser like Chrome or any browser on Mac OS to save their document as a PDF and submit via e-mail or your LMS. Critically, students must select the option for background image printing for their observation images to appear. We highly recommend Chrome for this function, as some other browsers and versions of browsers may disable background image printing without an option to re-enable it.

If you wish, you may use the sample rubrics below for grading:

## Base Points

<u>Section</u>	<u>Criterion</u>	<u>Points each</u>
Cover	Text Entered	3
Analysis	Images	2
	Captions	1
	Conclusions	2
Synthesis	Images	2
	Answers	3
Design	Sim Outputs	3
	Plan Analysis Questions	3

## Quality Points

<u>Section</u>	<u>Criteria (up to 4 pts each)</u>
Analysis	<ul style="list-style-type: none"> <li>● Images chosen support the conclusion of the lesson</li> <li>● Image captions accurately describe content in images</li> <li>● Image captions are written in complete sentences with proper grammar</li> </ul>
Synthesis	<ul style="list-style-type: none"> <li>● Images chosen support the student's discussion</li> <li>● The student's discussion is based in the data presented in the unit</li> <li>● The student's discussion is written in complete sentences with proper grammar</li> </ul>
Design	<ul style="list-style-type: none"> <li>● The student has presented a wide range of possible scenarios from their emissions simulation</li> <li>● The student's analysis of their plan is insightful and refers to their data</li> <li>● The student's analysis of their plan is in complete sentences with proper grammar</li> </ul>

Total Score is out of 556 (recommended)

Base Points: 103

Quality Points: 36

Recommend Multiplier: x4