

Name:

Date:

Class:

Final Assessment Rubric

Instructions: Your team is to create SIX slides for the class slide deck. You will be assessed as outlined below. You will also be assessed on various Share-Outs and a Self and Peer Evaluation.

Slide 1: Title Slide	
The slide was titled 'Team:' and followed by your team's name and your chosen plant. The title was centered at the top. Size 60-70 font was used.	_____/ 1 pt
All group members' first and last names were included and centered below the title in size 28 font.	_____/ 1 pt
The class and period were included, separated by a comma, and centered, below the names in size 28 font.	_____/ 1 pt
The date was included, centered, below the period in size 28 font.	_____/ 1 pt
A picture, with a border, of the leaf/plant part from class was included.	_____/ 2 pts
The TeachEngineering.org Engineering Design Cycle graphic and a U.N. Sustainable Development Goals graphic were included. The graphics had correct borders, as discussed in class. The URLs were included.	_____/ 4 pts
The correct font, picture borders, & background were used.	_____/ 2 pts
Grammar, capitalization, spelling, and overall appearance are correct and appropriate.	_____/ 3 pts
Total	_____/ 15 pts

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Slide 2: Ask and Research

Instructions: Create this slide as/after you research. Follow the guidelines below.

The slide was titled: 'Ask and Research:' followed by the name of your chosen plant. The title was centered at the top. Size 40-50 font was used.	_____/ 1 pt
A picture of the plant was used. This must be a different one from the title slide. (NOTE: If using pictures from the internet, when searching, click 'Images,' 'Licenses,' and 'Public Domain' or another acceptable format as discussed.) If a picture from the internet was used, the URL of the image was on the slide. The image had the correct border.	_____/ 3 pts
A physical property was included. An appropriate font size was used (e.g., size 16 font).	_____/ 2 pts
A chemical property/reactivity (something the plant reacts with that may be helpful based on the goal of the project) was included. An appropriate font size was used (e.g., size 16 font).	_____/ 2 pts
A plant preparation method was mentioned that was different from the two groups that presented prior. Plan accordingly.	_____/ 2 pts
The TeachEngineering.org Engineering Design Cycle graphic and a U.N. Sustainable Development Goals graphic were included. The graphics had correct borders. The URLs were included.	_____/ 6 pts
The correct font, picture borders, and background were used.	_____/ 3 pts
Grammar, capitalization, spelling, and overall appearance are correct and appropriate.	_____/ 6 pts
Total	_____/ 25 pts

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Slide 3: Imagine, Plan, Create

Instructions: Create this after meeting with your team and deciding on what plant you want to use & why and what you plan to do. NOTE: IT IS CRITICAL THAT YOU USE PROPER GRAMMAR IN ALL SCIENTIFIC COMMUNICATIONS. Follow the guidelines below.

The slide was titled: 'Imagine, Plan, Create: Plan and Procedure.' The title was centered at the top. Size 40-50 font was used.	_____/ 2 pts
The section title 'Plan' was included. (Size 30 font)	_____/ 1 pt
A well-written, 3-6 sentence paragraph about the chosen plant, reasoning, and the group's plan was present. Critical thinking was shown. (Size 16 font)	_____/ 6 pts
The Section Title 'Procedure' was included (size 30 font)	_____/ 1 pt
A 3-8 sentence procedure was included. The procedure was a numbered list of command statements. Of course, specifics such as number of fluids, number of solids, time, etc. were included. (Note: You can adjust this when you test, if needed. Just keep track so that the procedure on the slide matches what you did.) (Size 16 font)	_____/ 4 pts
A picture with a border from the testing was present. (This can be taken when testing. Plan to take at least five pictures when testing for use as needed.)	_____/ 2 pts
The TeachEngineering.org Engineering Design Cycle graphic and a U.N. Sustainable Development Goals graphic were included. The graphics had correct borders. The URLs were included.	_____/ 6 pts
The correct font, picture borders, and background were used.	_____/ 2 pts
Grammar, capitalization, spelling, and overall appearance are correct and appropriate.	_____/ 6 pts
Total	_____/ 30 pts

Name:

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Slide 4: Test

Instructions: After testing, create a slide of you conducting your experiment. Follow the guidelines below.

The slide was titled: 'Test:' followed by the name of your chosen plant. The title was centered at the top. Size 40-50 font was used.	_____/ 2 pts
The section title 'Testing' was included. (Size 30 font)	_____/ 1 pt
A picture, with a border, of your team testing was included.	_____/ 2 pts
The section title 'Observations, Conclusions, and Implications for Further Testing' was included. (Size 30 font)	_____/ 1 pt
A well-written 4-6 sentence paragraph summarizing what happened, your thoughts about what happened (Why did that happen? Did anything surprise you?), ideas for next time, two U.N. Sustainable Development Goals that apply, and any other info you deem relevant was included. Critical thinking was shown. (Size 16 font)	_____/ 10 pts
The section title 'Data' was included. (Size 30 font)	_____/ 1 pt
A picture, with a border, of the Data Table was included.	_____/ 5 pts
The TeachEngineering.org Engineering Design Cycle graphic and a U.N. Sustainable Development Goals graphic were included. The graphics had correct borders. The URLs were included.	_____/ 6 pts
The correct font, picture borders, and background were used.	_____/ 2 pts
Grammar, capitalization, spelling, and overall appearance are correct and appropriate.	_____/ 6 pts
Total	_____/ 36 pts

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Slide 5: Improve

Instructions: After reporting out and engaging with your peers, you will meet with your team again to decide on what you want to do during your redesign. Follow the guidelines below.

The slide was titled: 'Improve: Plan and Procedure' and the name of the plant used. The title was at the center top. Size 40-50 font was used.	_____/ 2 pts
The section title 'Improve: Plan' was included. (Size 30 font)	_____/ 1 pt
A well-written 4-7 paragraph discussing the plant used, one piece of feedback received, the new plan, and the rationalization was included. Critical thinking was shown. (Size 16 font)	_____/ 7 pts
The section title 'Procedure' was included. (Size 30 font)	_____/ 1 pt
A 3-8 sentence procedure was included. The procedure was a numbered list of command statements. Of course, specifics such as number of fluids, number of solids, time, etc. were included. (Note: You can adjust this when you test, if needed. Just keep track so that the procedure on the slide matches what you did.) (Size 16 font)	_____/ 4 pts
A picture, with a border, from the retesting was included.	_____/ 2 pts
The TeachEngineering.org Engineering Design Cycle graphic and a U.N. Sustainable Development Goals graphic were included. The graphics had correct borders. The URLs were included.	_____/ 6 pts
The correct font, picture borders, and background were used.	_____/ 2 pts
Grammar, capitalization, spelling, and overall appearance are correct and appropriate.	_____/ 6 pts
Total	_____/ 31 pt

Name:

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Slide 6: Retest

Instructions: After retesting, create a slide of you conducting your experiment. Follow the guidelines below.

The slide was titled: 'Retest:' followed by the name of your chosen plant. The title was at the center top. (Size 40-50 font)	_____/ 2 pts
The section title 'Retesting' was included. (Size 30 font)	_____/ 1 pt
A picture with a border from the retest was included.	_____/ 1 pt
The section title 'Observations, Conclusions, and Implications for Further Testing' was included. (Size 30 font)	_____/ 1 pt
A well written 4-6 sentence paragraph summarizing what happened, your thoughts about what happened (Why did that happen? Did anything surprise you?), ideas for next time, two U.N. Sustainable Development Goals that apply, and any other info you deem relevant was included. Critical thinking was shown. (Size 16 font)	_____/ 10 pts
The section title 'Data' was included. (Size 30 font)	_____/ 1 pt
A picture, with a border, of the Data Table was included.	_____/ 5 pts
The TeachEngineering.org Engineering Design Cycle graphic and a U.N. Sustainable Development Goals graphic were included. The graphics had correct borders. The URLs were included.	_____/ 6 pts
The correct font, picture borders, and background were used.	_____/ 2 pts
Grammar, capitalization, spelling, and overall appearance are correct and appropriate.	_____/ 6 pts
Slides were added to the class slide deck in the correct order, alphabetically by team name.	_____/ 3 pts
Total	_____/ 38 pts