

PBL Checklist

Team: _____ Period: _____

Directions: Check of each item IF you've completed it. Then answer the questions.

Solution Idea:

- You have details about every part of your idea (what kind of tree, camera, bridge, etc., how big they are, how much they'd cost)
- You have locations for every part of your idea and it's clearly marked on your scale drawing.
- You know how many/much of each item you will be installing.

I think our solution idea should earn a _____ because _____.

Scale Drawing:

- The scale is clearly labelled on your drawing (1 box or 1 cm = ___ feet)
- You have included a legend to explain any symbols you drew.
- EVERYTHING in your scale drawing is an appropriate size (if I measure it, will it show me the right distance?).
- Your scale drawing is clear and presentation-quality.
- You have included other drawings or images to explain your solution (examples: an "elevation" view, pictures of the specific plants or items you've chosen that include the size)

I think our scale drawing should earn a _____ because _____.

Statistician: _____

- Title slide is complete with everyone's names spelled correctly
- The Problem slide has your team's **edited** problem statement.
- The Problem slide has at least one piece of evidence to show WHY it's a problem.
- The Statistician slide includes an estimated cost (and explains how you got that answer)
- The Statistician slide includes the SIZE of the area (how many feet long/wide).

I think my slides should earn a _____ because _____.

Design Engineer: _____

- Our Rough Draft Solution slide has an image of your rough drafts ON THE SLIDE.
- Our Rough Draft Solution slide explains at least two changes you made on the initial design.
- Our Solution slide has an image of the final draft ON THE SLIDE.
- Our Solution slide explains the steps that would need to happen to make this real (who would be involved, what would they do, etc.)

I think my slides should earn a _____ because _____
_____.

Safety Coordinator: _____

- Safety Coordinator slide has TWO specific ways that your solution will help improve safety in the area.
- The reasons on your slide are NEW and haven't been mentioned anywhere else in the presentation.

I think my slides should earn a _____ because _____
_____.

Community Outreach: _____

- Community Outreach slide has TWO specific ways that your solution will make the area more useable for the community
- The reasons on your slide are NEW and haven't been mentioned anywhere else in the presentation.
- Questions/ Comments slide has been edited and does not have your teacher's directions still on it.

I think my slides should earn a _____ because _____
_____.