

Independence (0-4 points)

0 1 2 3 4

- Do you feel like students did this work themselves?
- Do you feel like they applied concepts they learned?
- If they did any CAD work or 3D printing, is it clear they did the work and not a coach or parent?

Overall Appearance & Materials (0-4 points)

0 1 2 3 4

- What types of materials were used to build the turbine? New? Recycled?
- Were they careful not to use any prefabricated kits?
- Were students precise in their turbine building? Is it a "nice-looking" rig?

Type of Presentation (0-4 points)

0 1 2 3 4

- What kind of documents did the students share? Was it a short report, engineering notebook, video, or poster?
- What is your overall feeling about the document or presentation?
- Was it interesting and organized? Was it creative? Does not have to be – we are more interested in looking for evidence of a PROCESS of learning.
- Is the statement thoughtful and show evidence of their work?

Depth, Complexity & Clarity (0-6 points)

0 1 2 3 4 5 6

- Did the team show a progression of discovery?
- Did the team provide evidence they made changes based on research or discoveries?

Delivery (prepared or improvised) (0-4 points)

0 1 2 3 4

- Was the documentation and/or presentation neat and organized?
- Do you feel like the students practiced?
- Did all students take part in the discussion? Or did one student dominate?
- Do you feel like the students "knew their stuff" or were they just reading or making it up?

Additional Comments: