

Wind Turbine Slide Deck - Rubric

Slide Number	Required Elements	Advanced	Proficient	Developing
1	Engaging Title	3	2	1
	Names			1

Slide Number	Required Elements	Advanced	Proficient	Developing
2	What variable did you test? Why did you choose this variable?	3	2	1

Slide Number	Required Elements	Advanced	Proficient	Developing
3	Describe four ways the variable was modified.	3	2	1
	Include pictures that easily demonstrate each of the modifications.	3	2	1

Slide Number	Required Elements	Advanced	Proficient	Developing
4	What trial/modification was the most productive?		2	1
	Explain why this modification was the most productive (include data).	3	2	1

Slide Number	Required Elements	Advanced	Proficient	Developing
5	What trial/modification was the least productive?		2	1
	Explain why this modification was the least productive (include data).	3	2	1

Slide Number	Required Elements	Advanced	Proficient	Developing
6	What problems did you encounter when construction began?	3	2	1
	How did you solve these problems?	3	2	1

Slide Number	Required Elements	Advanced	Proficient	Developing
7	What variable would you like to test next?		2	1
	If you ran multiple trials changing this variable, which specific change would be most efficient? Explain why.	3	2	1

Slide Number	Required Elements	Advanced	Proficient	Developing
8	How did your wind turbine generate electricity? (Hint - discuss energy conversions, magnets, magnetic fields, and solenoids.)	5	3	1

Required Elements	Advanced	Proficient	Developing
Slide Deck Design (engaging, professional, proofread, numbered slides, uniform theme)	3	2	1

<i>Advanced</i>	<i>Proficient</i>	<i>Developing</i>
The topic is effective in supporting the presentation. The content and ideas are presented in a unique and compelling way and include all material needed to gain an understanding of the topic.	The topic supports the presentation. It shows some originality and inventiveness and includes most material needed to gain an understanding of the material.	The topic is an average learning tool. It shows an attempt at originality but requires more insight to become an effective tool.

*Adapted from JH2016