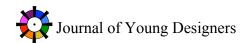


**Designing Wind Turbine Blades** 



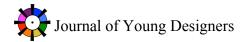
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### Wind Turbine Blade Design

#### Issue 1, June 2016

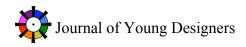
•	Introduction	2
•	The Improved 6-blade Turbine	DEKA4
•	First Roger: The Turning Turbine	Energy10
•	Wind Turbines	Faze14
•	Windmill Presentation	Glam Whales23
•	The Powerful 3-blade, Homemade Wind Turbine	Green Mountain Breeze27
•	Power In the Wind - Wind Turbines	Masters Of Physics31
•	The Galactic Saucer	Power Patrol36
•	Wind Turbine	Spinning Genies41
•	Tobollco's Wind Turbines and Design Details	Tobolloco46
•	The Evolution of 3 Turbines	Turbin54
•	Turbine Report	Whirly Polar Bears59
•	The Best Model of Wind Turbines	Windig65
•	Appendix A: Power In the Wind Rubric	72

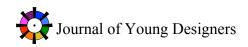


#### Introduction

Welcome to the first issue of the *Journal of Young Designers* (JoYD), a *Create It Lab* publication. The design process provides a framework for creativity and curriculum integration, which are critical parts of twenty first century education. Communicating design results is a key skill that is often overlooked in this process. This journal was created to provide motivation for young designers to communicate their results in a professional manner.

This issue of JoYD is dedicated to the designs of eighth grade students who participated in *Create It Lab's Power In the Wind* project. In this project, teams designed wind turbine blades to optimize both efficiency and aesthetic appeal. These students were part of <a href="Nancy Kenyon's">Nancy Kenyon's</a> science classes from the Phoenix team at Essex Middle School in Essex, Vermont. For those educators that are interested, the rubric for this project appears as Appendix A in this journal.





# Journal of Young Designers Issue 1, June 2016

## Wind Turbine Blade Design





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