Wind Energy Education Resources
Overview of development process
Integrates wind energy concept activities and application
Works best with afterschool club (ie recycling club) or small class with open curriculum (ie gifted classes)
Gets students excited about project and allows them to find ways to excite the rest of the school and community
Lending Library

Many kits available at JMU
- NEED
- Kid Wind
- Kilowatt Ours
- LEGO
- misc.

NEED kits available at museums around the state
Steps to Build an Offshore Wind Farm

WIND WISE EDUCATION:
OVERVIEW

- Developed by Kid Wind and Pandion
- Grades 6-12
- Advanced, interdisciplinary, hands-on lessons
- Uses real data, maps and real life scenarios
- More emphasis on environmental impacts
- Asks questions about best locations, impacts on birds, how to build a better turbine, the role of wind energy in their community and country, etc
- Each lesson includes an inquiry based introduction, case studies and profiles of professionals
- Standards based for middle and high school physics, biology, technology, earth science, environmental science, math, geography, language arts, economics and social studies
- Answer worksheets for teachers
- Assessment tools for each activity