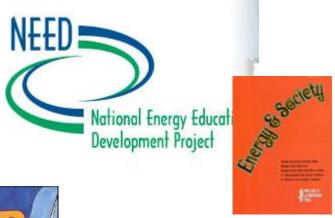
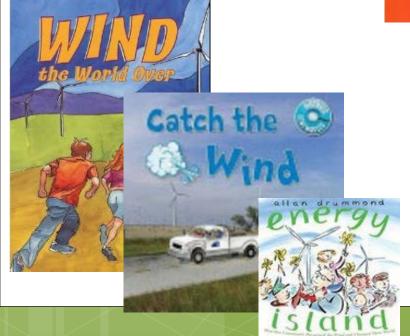
WIND ENERGY EDUCATION RESOURCES











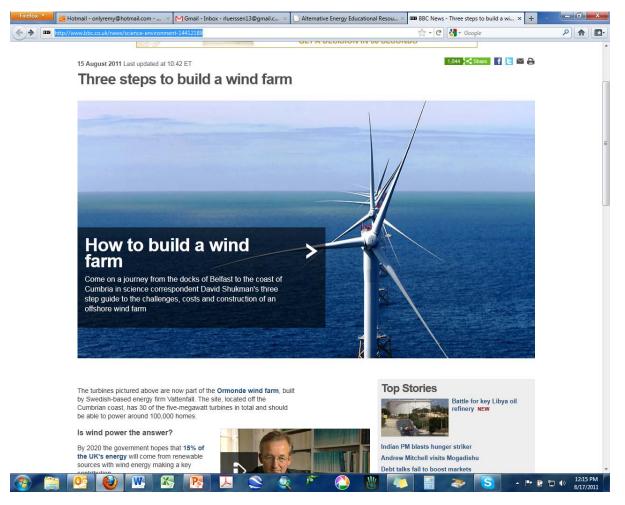
Project Development Activity Guide

- 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
 - o misc.
- NEED kits available at museums around the state

Steps to Build an Offshore Wind Farm



http://www.bbc.co.uk/news/science-environment-14412189

WIND WISE EDUCATION: OVERVIEW

- Developed by Kid Wind and Pandion
- o 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

