Wind Power

Summary
Students learn the theory behind wind power, then build, test, and optimize their wind turbines for maximum power output.

Contents of Module

• A presentation
• A lesson plan
  o Overview
  o Summary
  o Engineering connection
  o Engineering category
  o Keywords
  o Educational standards (CO science and math and ITEEA)
  o Pre-requisite knowledge
  o Learning objectives
  o Introduction/motivation
  o Lesson background and concepts for teachers (primer)
  o Vocabulary
  o Associated Activities
  o Lesson Closure
  o Assessments
  o Lesson Extension Activities
  o Additional Multimedia Support
  o References
  o Attachments
  o Contributors (me, you, and Todd)
  o Copyright info
  o Supporting program info (NSF GK-12)
• An activity including the same categories as above plus procedure and materials sections
• Skeleton notes and worksheets
• Images, figures, and tables citations

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