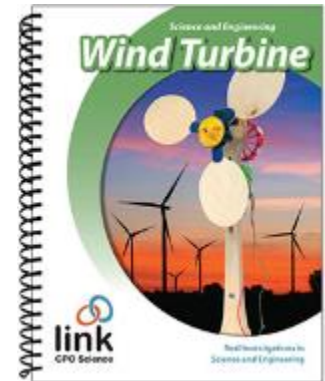


## CPO Science Wind Turbine

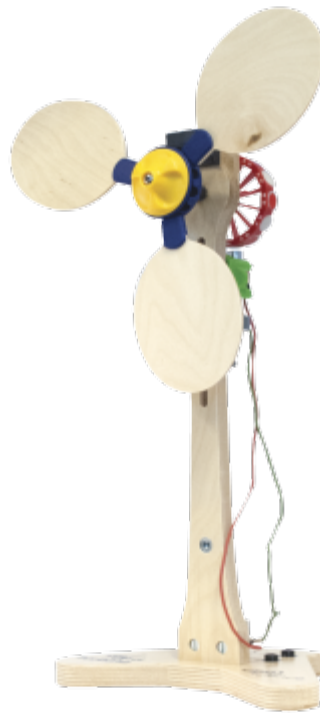
**Objectives:** As a result of this activity, students will explore wind energy through engineering design.

The CPO Wind Turbine kit provides inquiry-based investigations, classroom-tested equipment, online access to investigation materials and multimedia content as well as tablet-enabled investigations. Activities range from middle school/high school, high school and high school/post-secondary levels and cover topics designing a turbine and blades to wind farm simulations and site analysis.



**This kit includes:**

- Wind turbine stand
- Magnets (and spares)
- Copper wire coil
- Steel core
- Light bulbs
- Blade roots
- Round blades
- Long blades
- Flame blades



**Additional Equipment Needed:**

- Fan

\*Any materials that are lost or broken during classroom use must be replenished before being returned. Items can be bought from CPO Science.