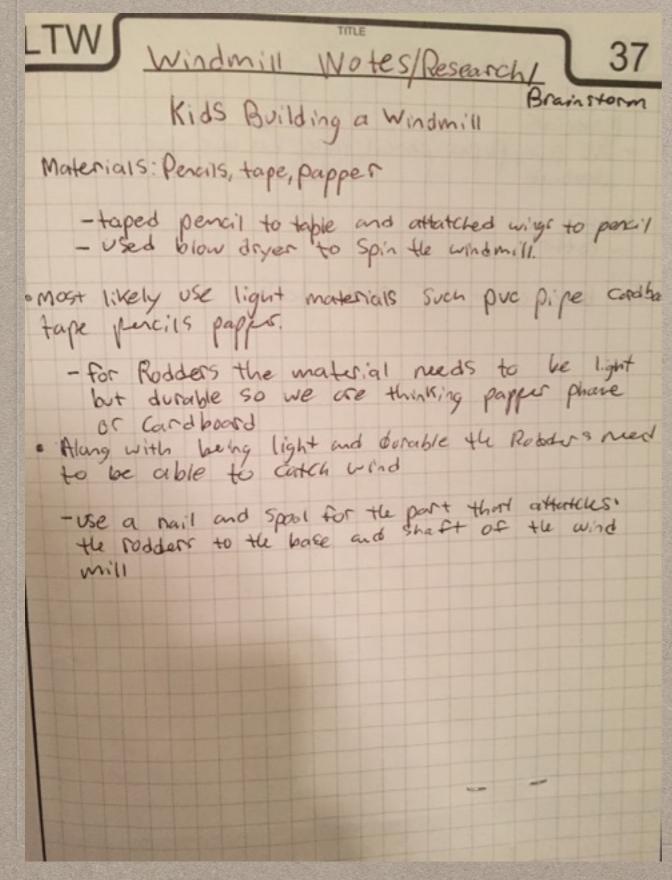
WIND-MILL TECHNICAL PRESS.

RONAN, DAVID, JONATHAN, JADEN



Brainstorming & Research



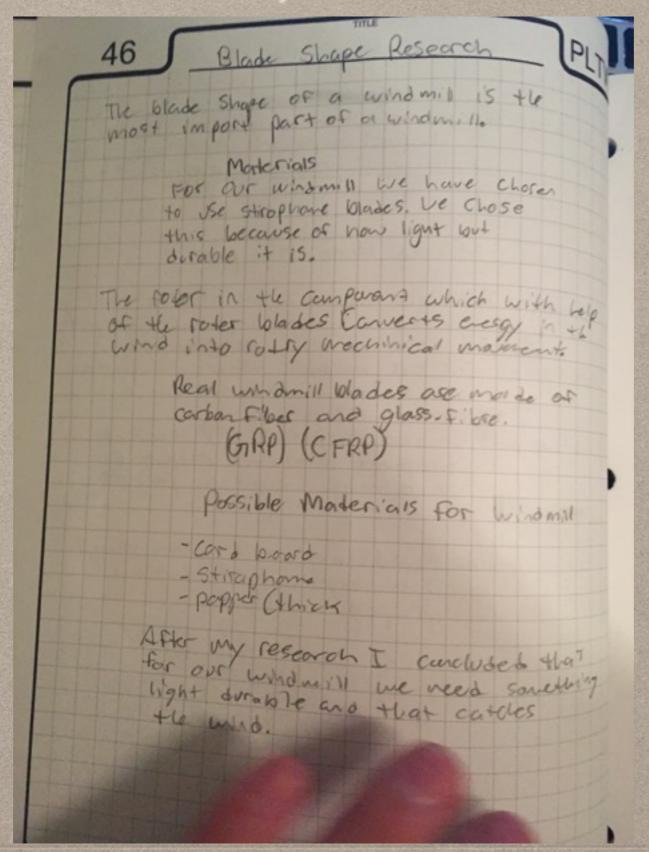
Materials
- PVC pipe, Paper, pencil, tape, hot glue, glue, card bound

Motor
- rotters

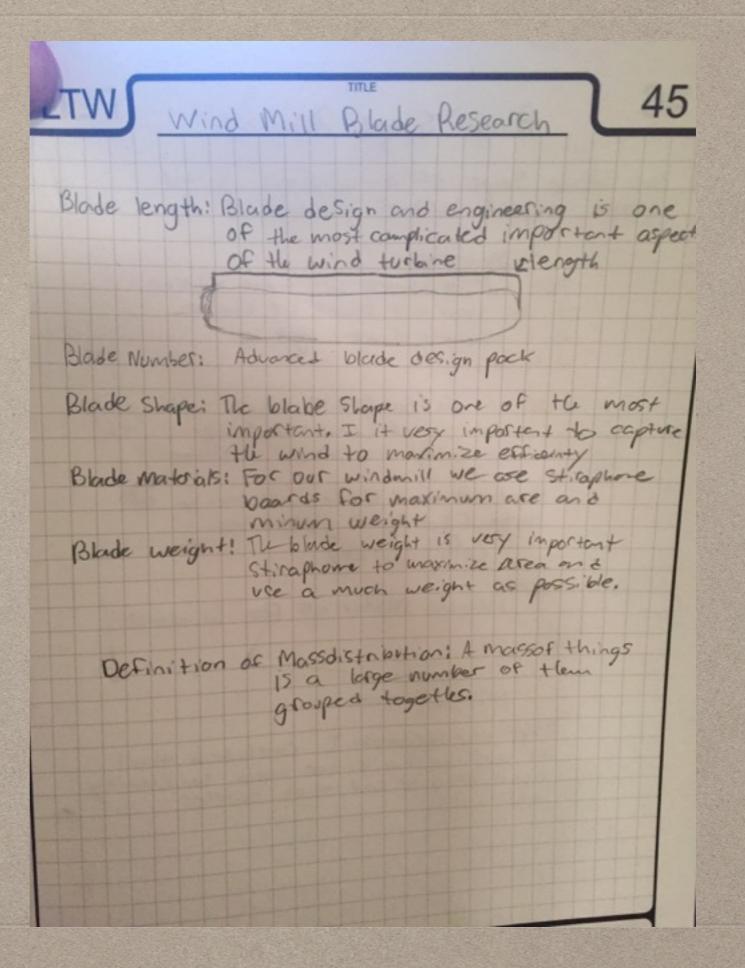
Pvc base about 1.5 feet tall



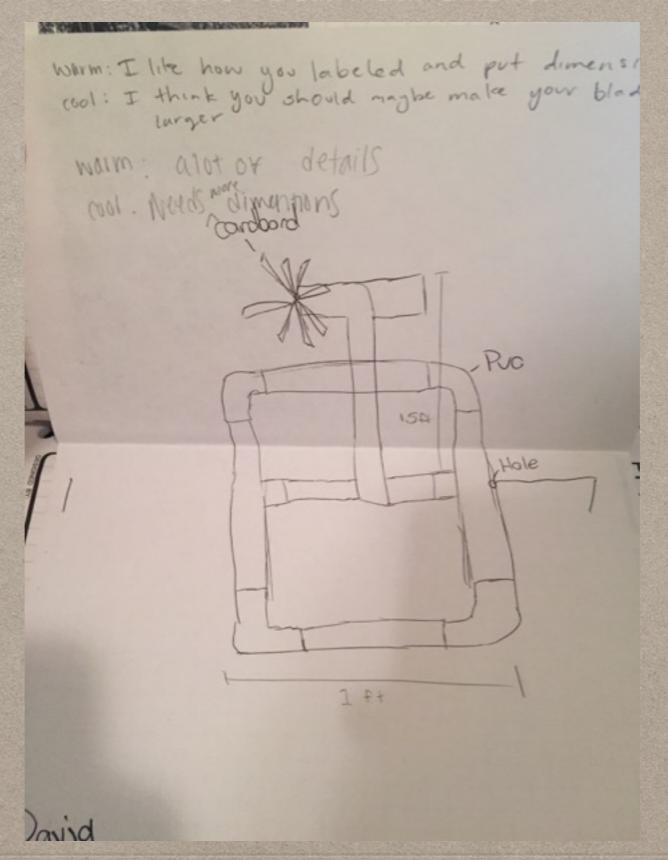
Blade Shape Research



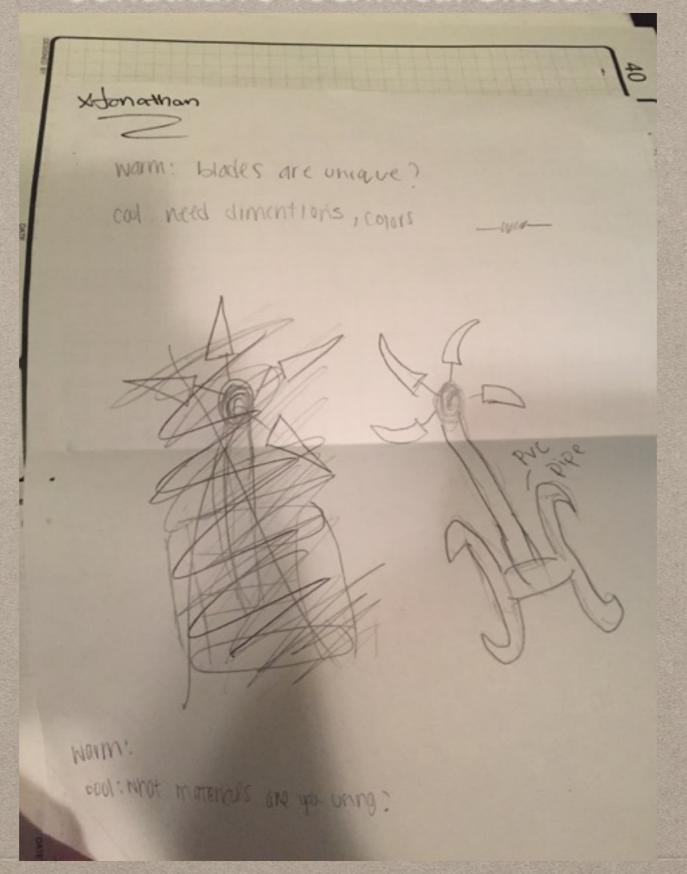
Wind-Mill Blade Research



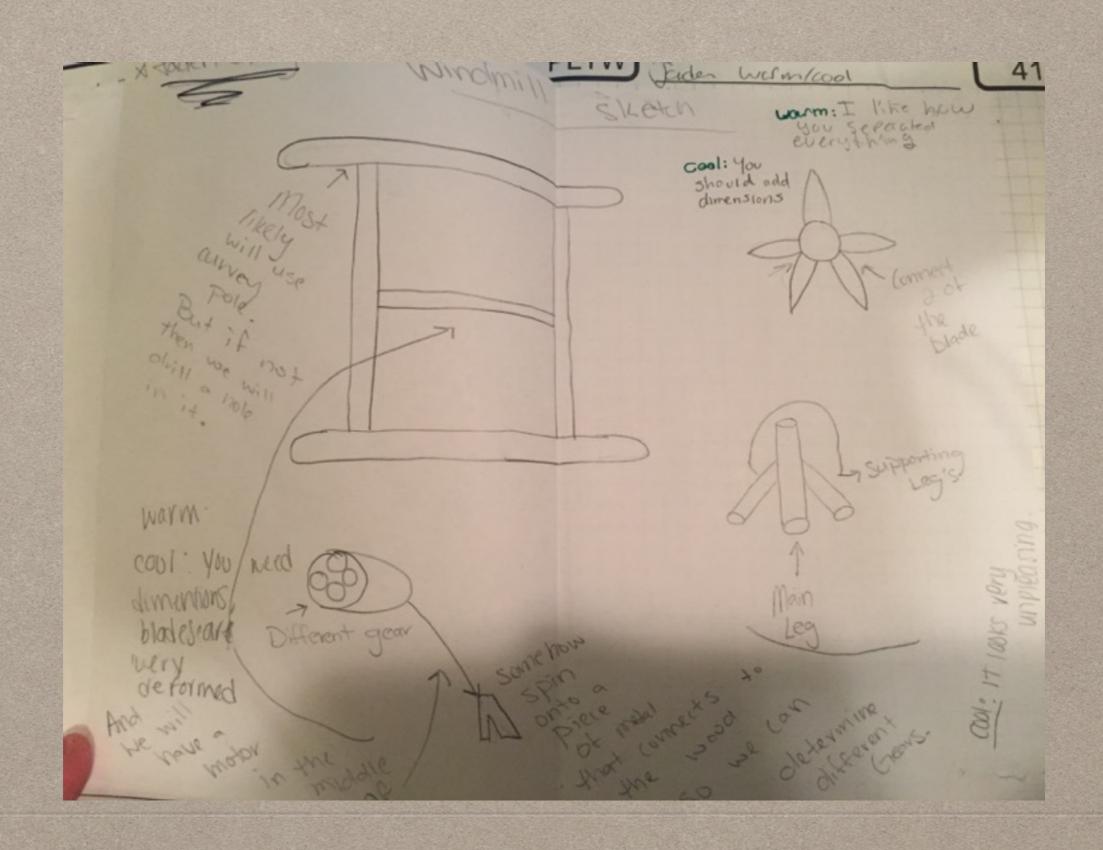
David's Technical Sketch



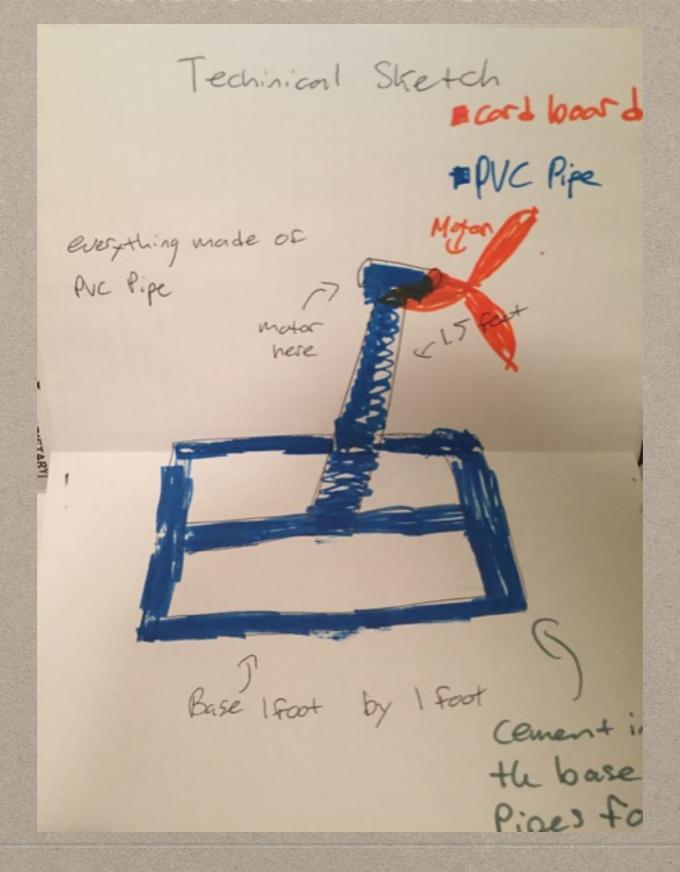
Jonathan's Technical Sketch



Jaden's Technical Sketch



Ronan's Technical Sketch



ecision matrix Easy Wire Creativity Sturdings 15 PVC Stoom (and board

Final Sketch | Final Idea

Clenevator

Materials List:

- PVC
- Cemet
- PK Glue
- Brades
- Everything Else Provided

Ground

Everything to Foot

taden, David, Jonathan, Ronan

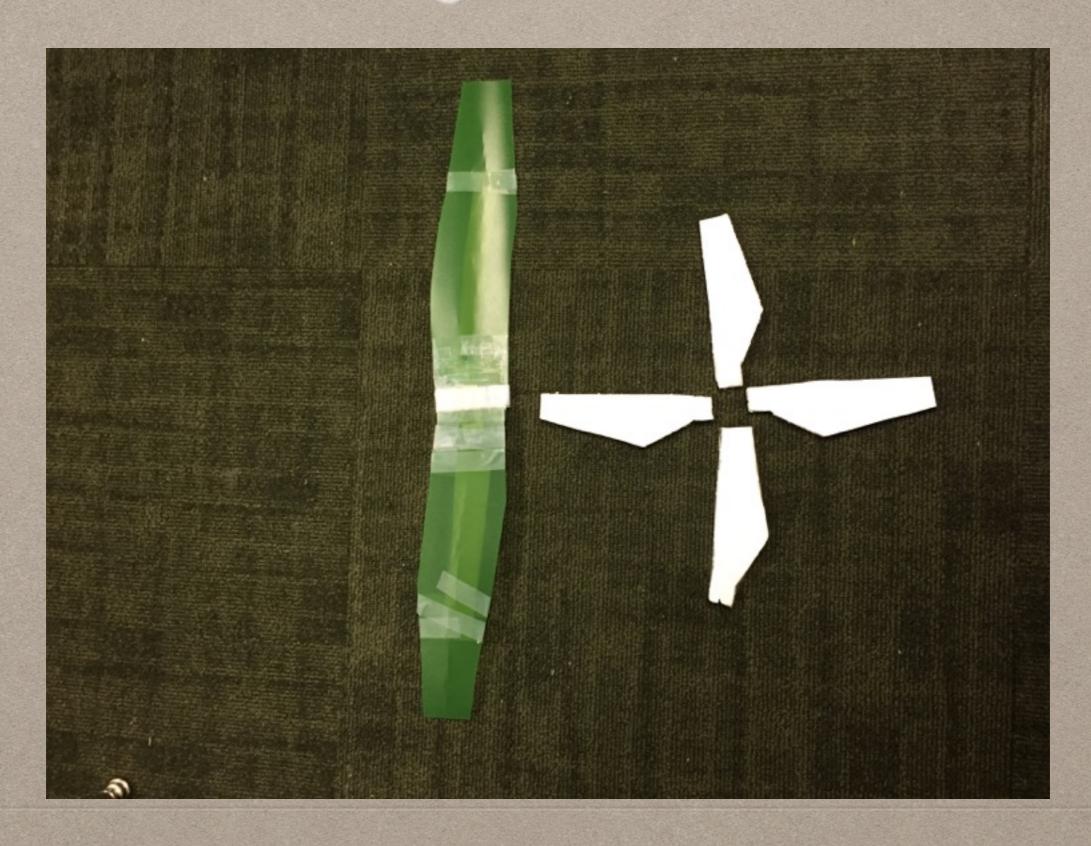
Building



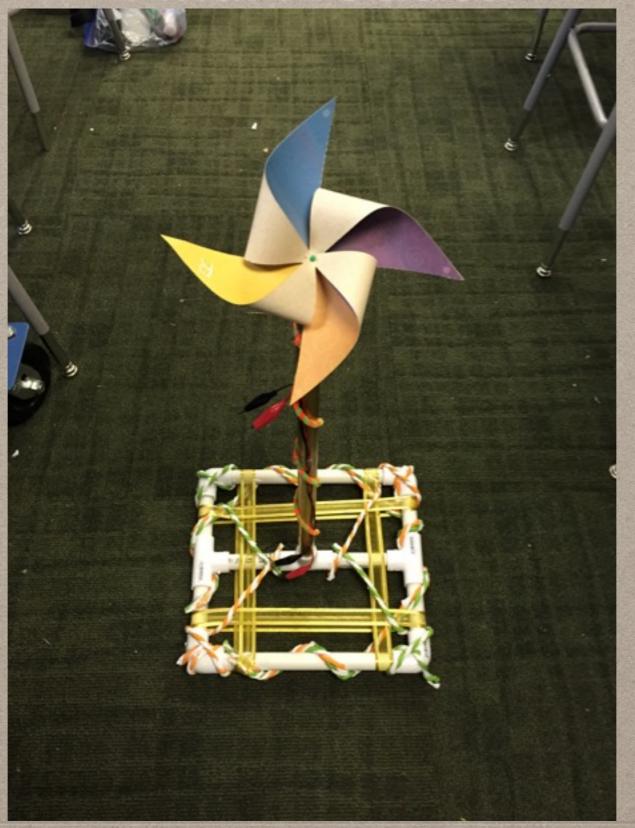


REVISIONS

Wings Revisions

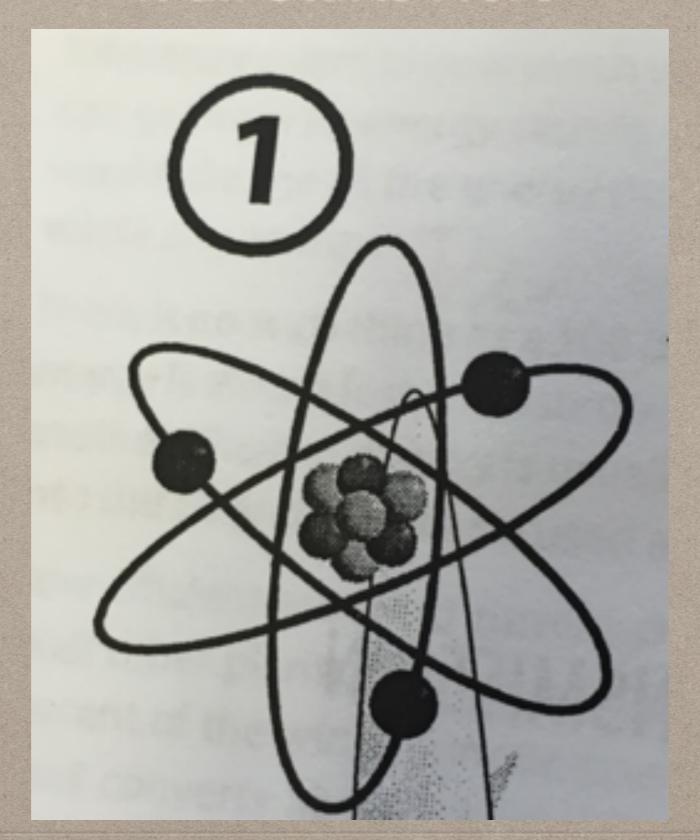


Final Product

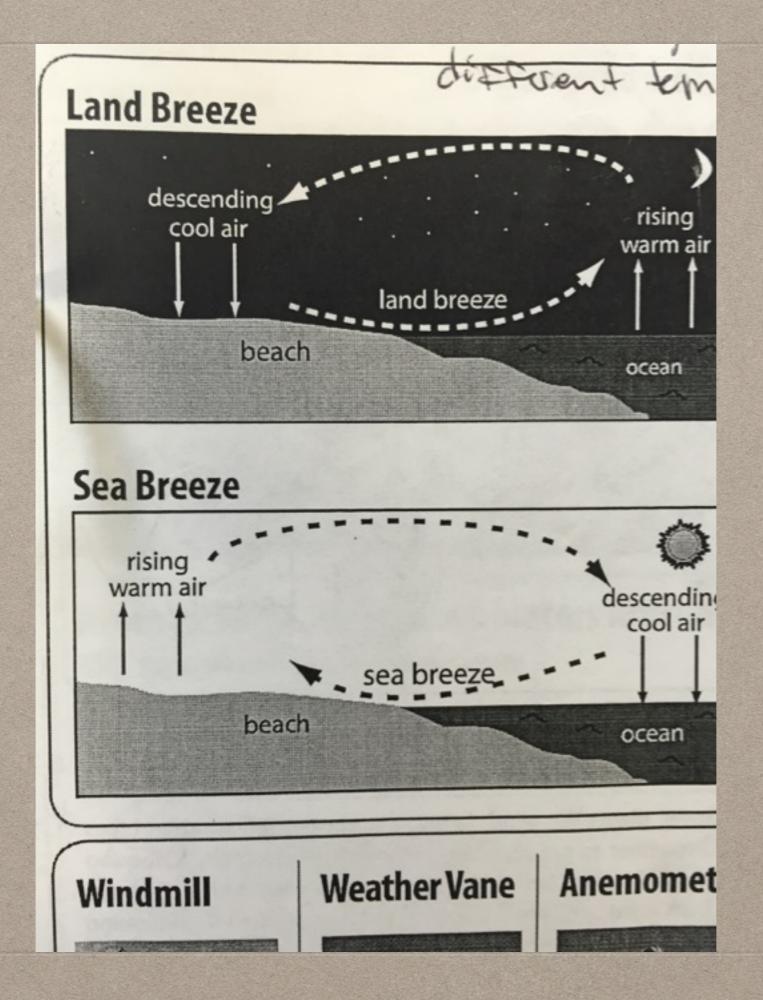


Physics Section

It all Starts Here

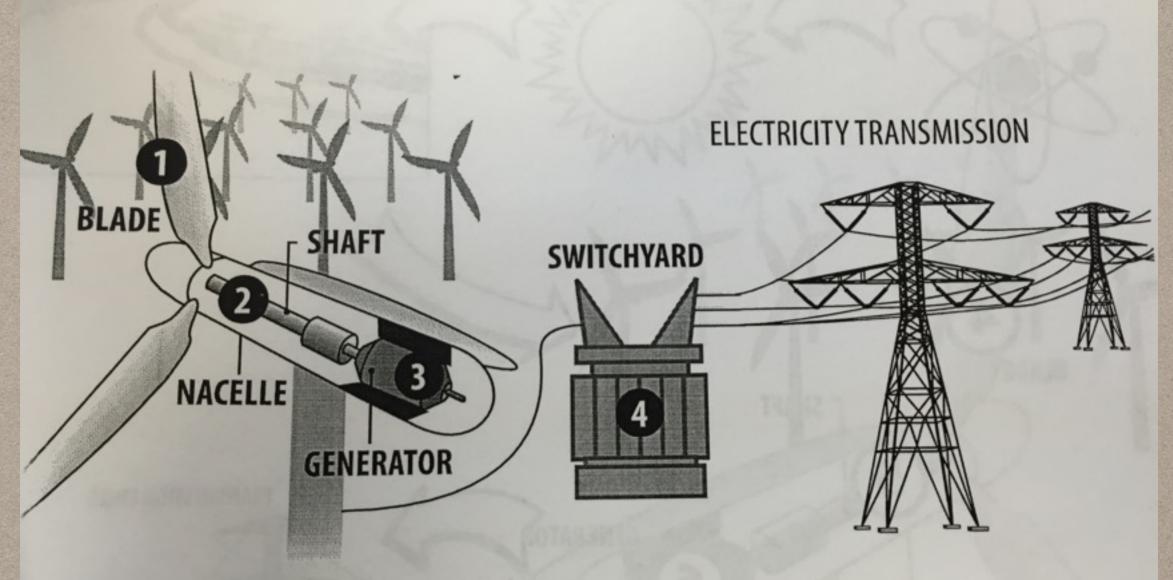






When Wind Hits The Fan



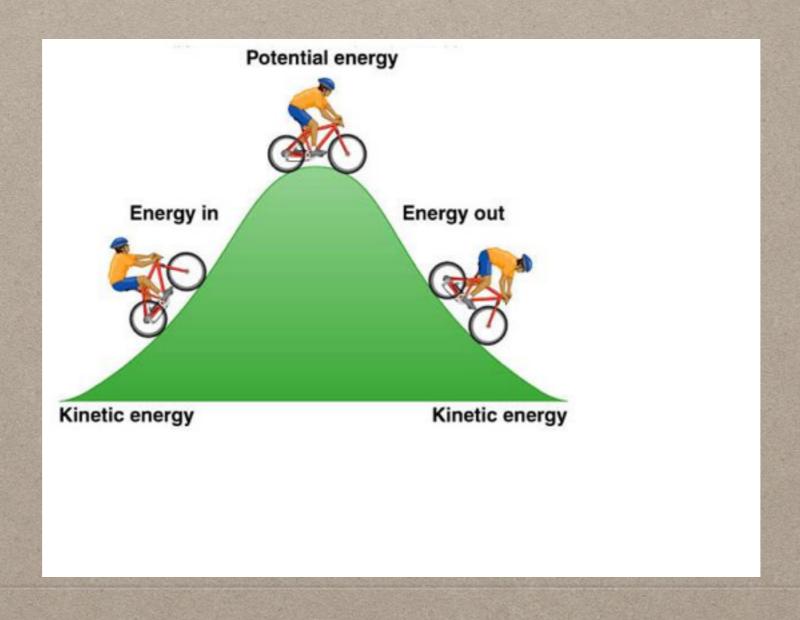


Wind turns the blades of the turbine.

The blades spin a shaft inside the nacelle.

The Law of Conservation of Energy

In physics, the law of conservation of energy states that the total energy of an isolated system remains constant—it is said to be conserved over time. Energy can neither be created nor destroyed; rather, it transforms from one form to another.



Physics Wind Turbine Data

Fan Level 1 (lowest)		Fan Level 2 (middle)		Fan Level (heighest)	
0.10 V	0.03 A	0.14 V	0.04 A	0.17 V	0.05 A