

Start by building the example turbine, then turn it into **your own** unique design.



Lab Activity (optional)

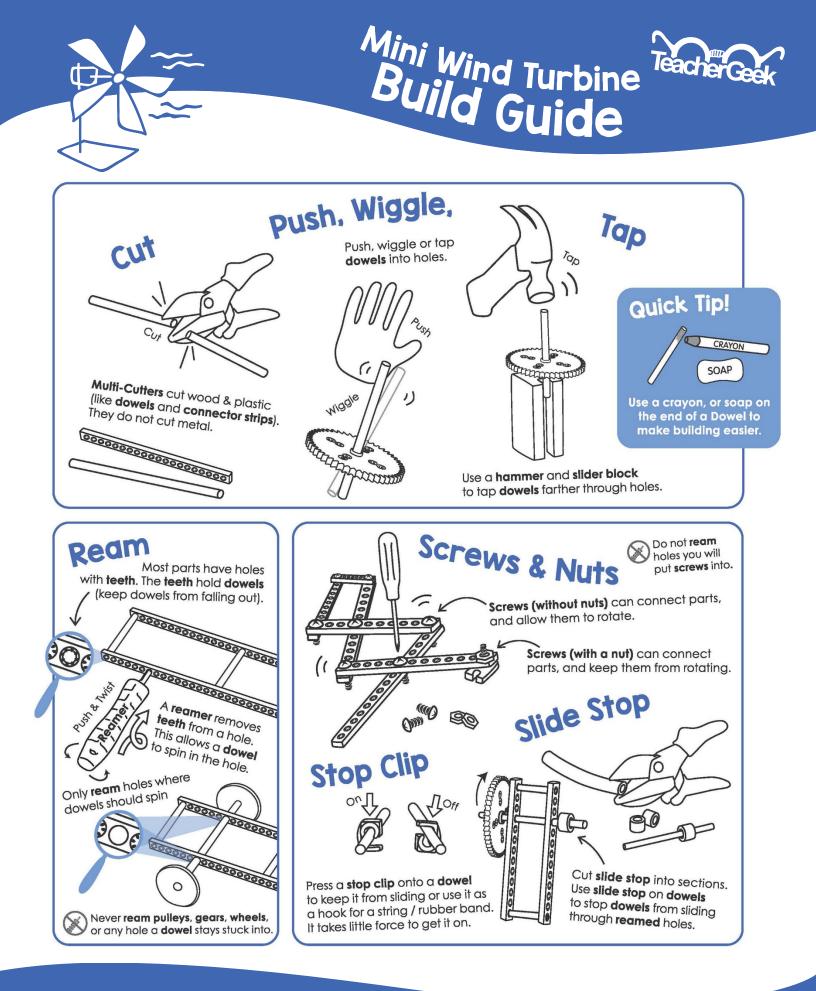
Design & Engineering Challenge

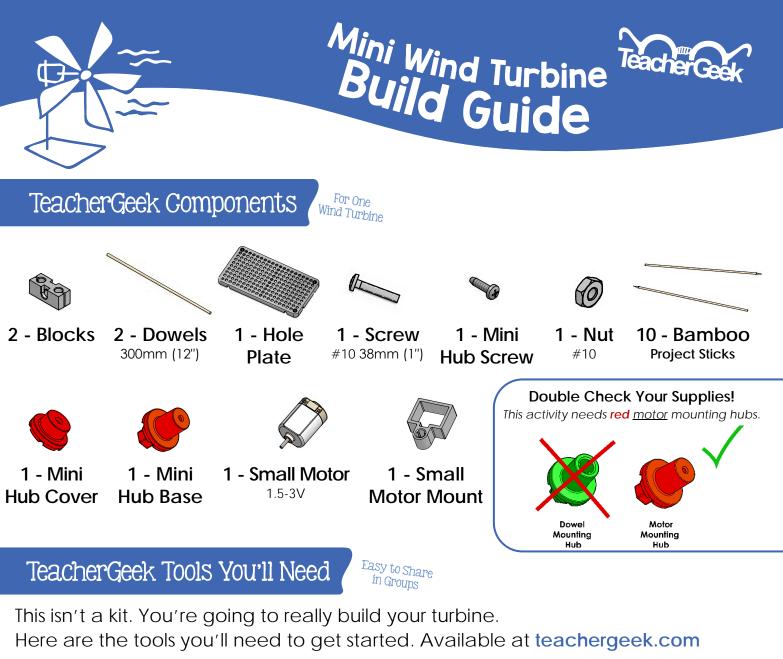
For use with TeacherGeek Mint Wind Turbine Activity or Maker Cart. Find documents & activity materials at teachergeek.com.

A You

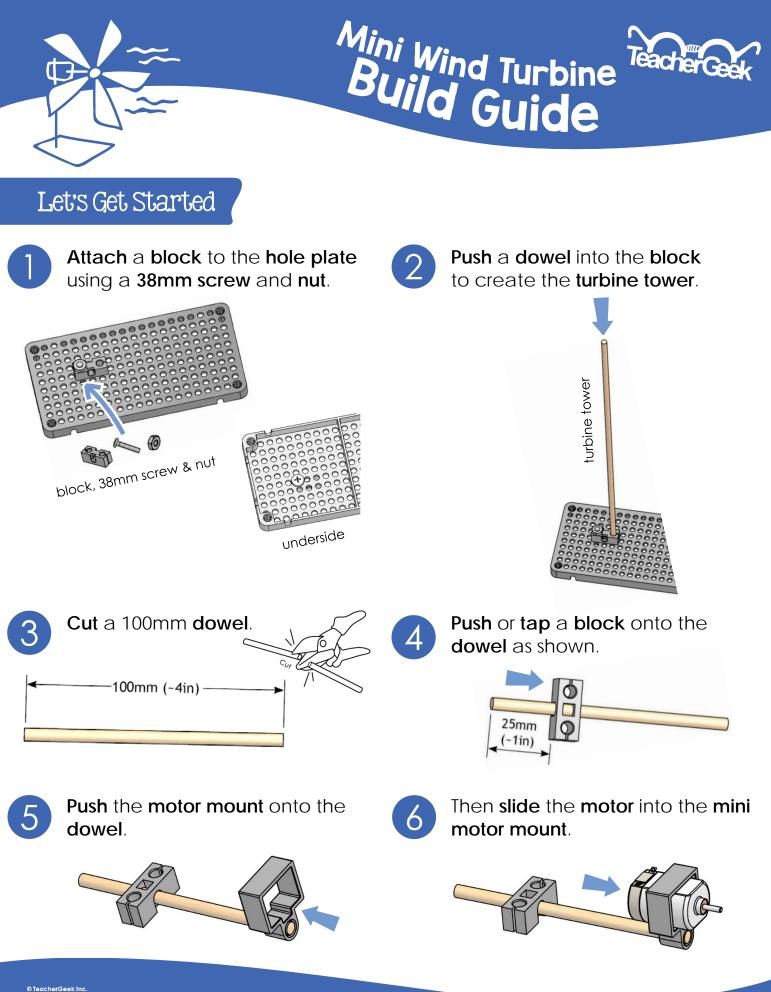
rentration encoded and printing to schools, libraries, and non-profils.
Materials for this activity at teachergeek.com
Adult supervision required for children under 12.

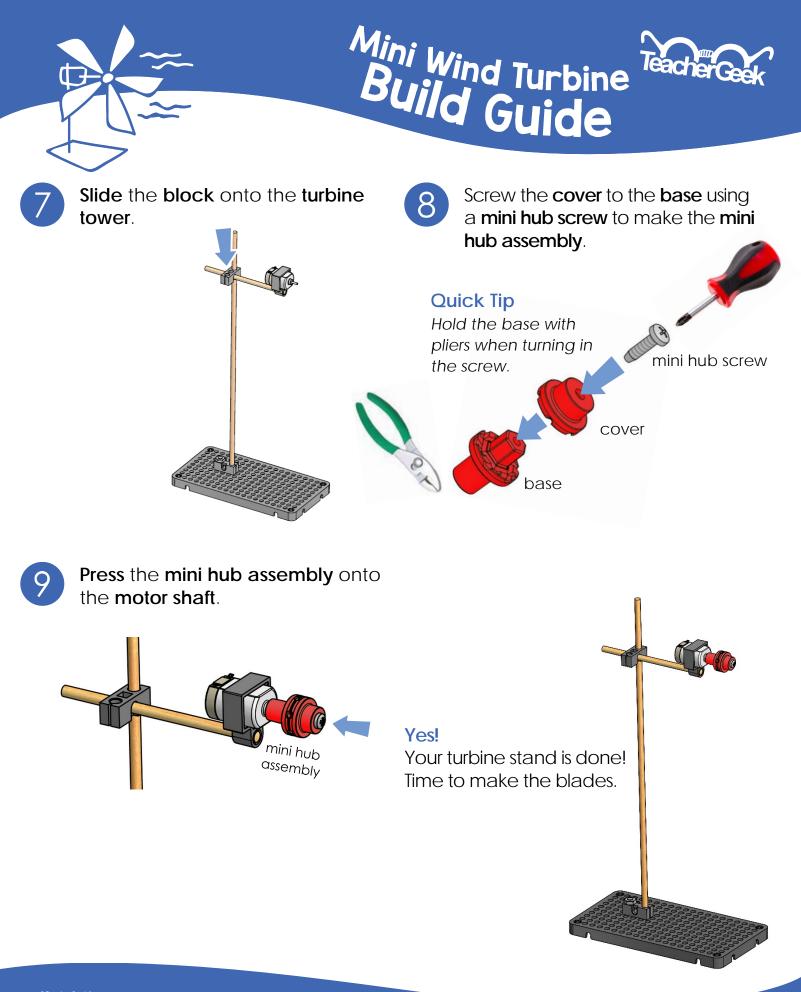
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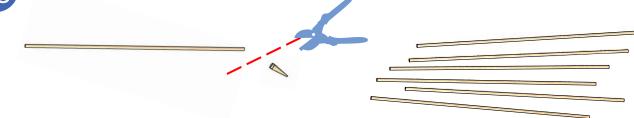


Blade Designs

Now it's time to make your blades. Make the example blades shown below. Then, in the Engineering Challenges, make them into your own unique design.

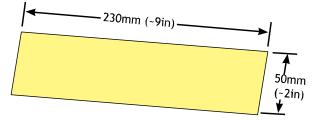


Cut points off large bamboo project sticks.

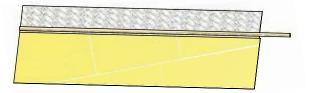


Tape your recycling materials (cardboard, card stock, cereal boxes, etc.) to the skewers as shown below.

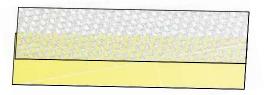
a. **Cut** a section of **recycling material**. This will be one of your **blades**.



c. Place a **stick** at the edge of the **blade**, overhanging to one side.



b. Place **tape** half over the edge of the **blade**.



d. Fold the **tape** over the **stick**. **Press** to secure tape.

