

BLADE AND HUB CONSTRUCTION

WHAT WILL YOU NEED?

TOOLS

Phillips
Screwdriver



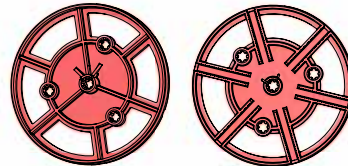
Pliers or a wrench to grip #10 square Nuts



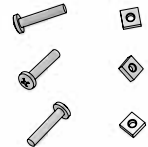
Cutters:
Multicutters, pruning shears or a saw

TEACHERGEEK PARTS

Two Wheel Hubs



3 #10 x 1in Machine
Screws & #10 Nuts



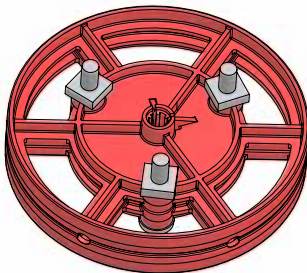
5 12in (300mm) Dowels

FIND YOUR BLADES

Materials for blades are not included in the kit. You are encouraged to reuse/recycle available materials.



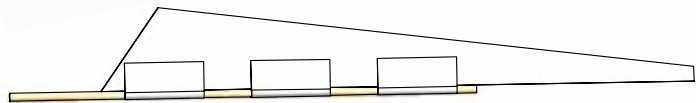
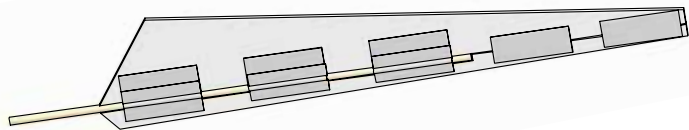
ASSEMBLE THE HUB

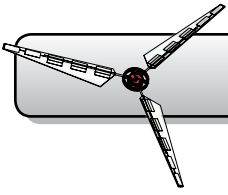


Loosely attach two wheel hubs, as shown, using #10 x 1 inch machine screws and nuts.

MAKE THE BLADES

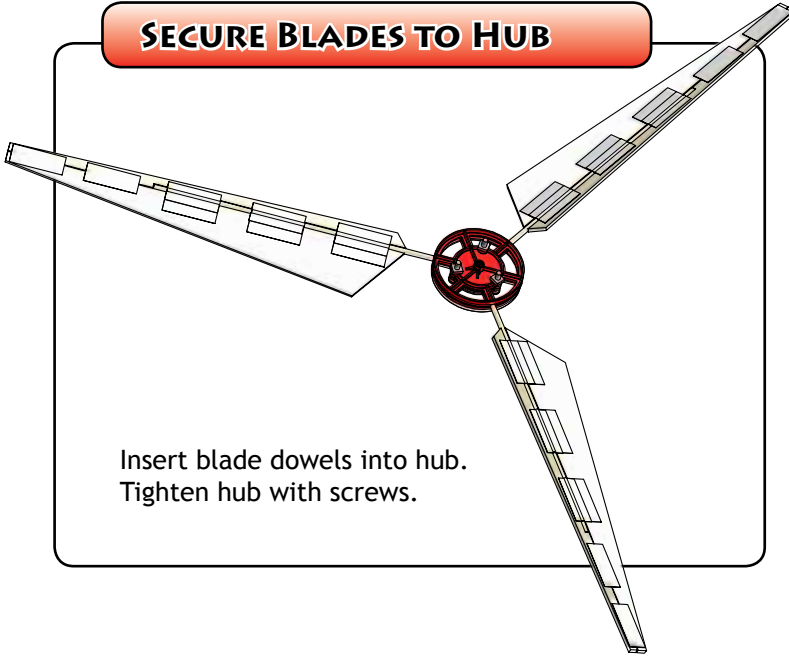
Create your blades and attach them to the supplied dowels.



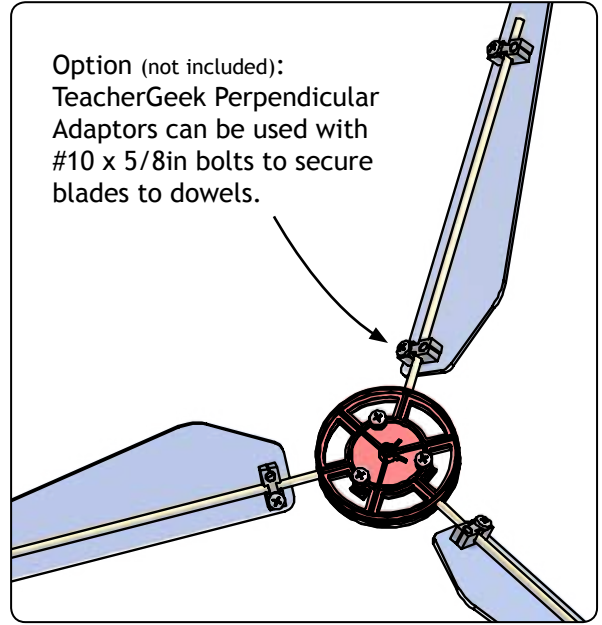


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SECURE BLADES TO HUB



Insert blade dowels into hub.
Tighten hub with screws.



Option (not included):
TeacherGeek Perpendicular
Adaptors can be used with
#10 x 5/8in bolts to secure
blades to dowels.