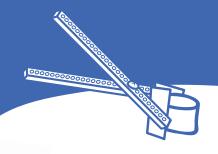


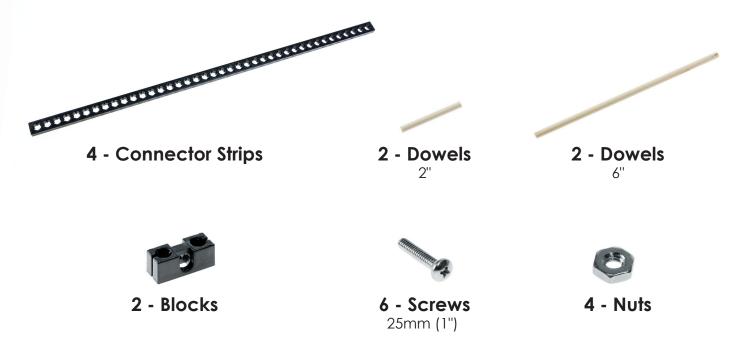
All-in-One



TeacherGeek Components

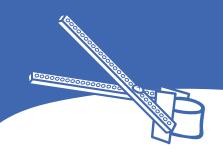
For One Grabber

These are the TeacherGeek components for the example Grabber and extras to turn it into your own unique design.



Components are available in the TeacherGeek Grab Lab Activity, TeacherGeek Maker Cart, or at teachergeek.com





TeacherGeek Tools You'll Need

These are the TeacherGeek components for the example Grabber and extras to turn it into your own unique design.



Multi-Cutters SKU 1823-81



Screwdriver SKU 1823-90



Hammer SKU 1824-41

Tools available at teachergeek.com

Materials You Supply

Collect and add recycling materials to your design to help grab.

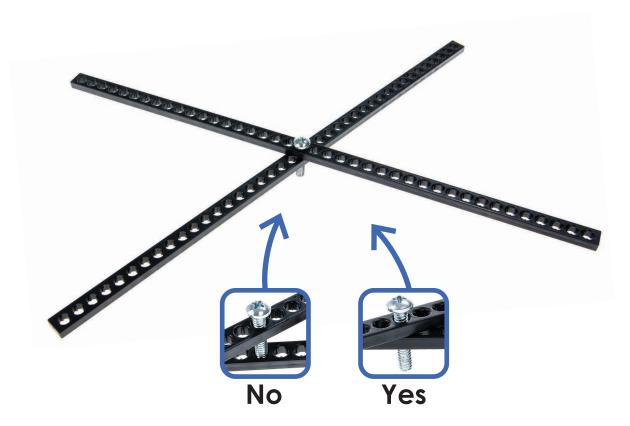
It is not recommended to use metal, glass or anything with sharp edges.





1 Make a simple grabber.

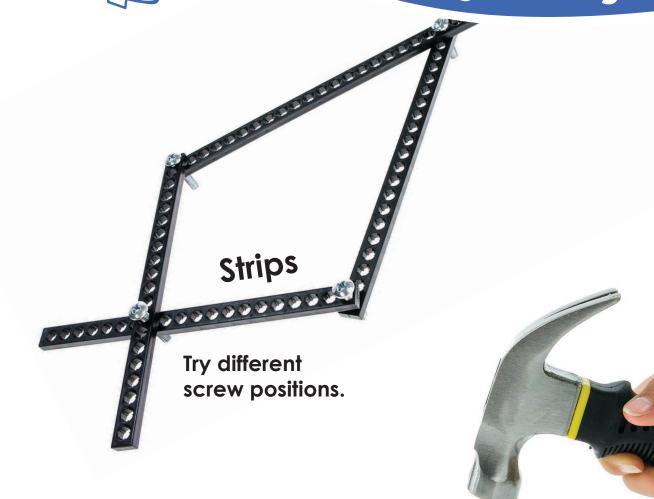




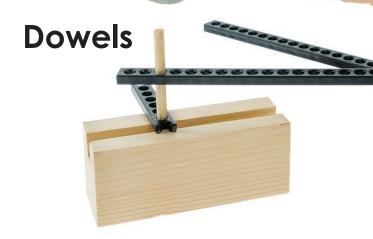


Materials for this activity at teachergeek.com © TeacherGeek Inc. 2016.









Other Parts



Grab Lab[™] Engineering Notebook



Name:







Robin



Monkey



Person



Chipmunk

Grabber Design # _



A Draw your design:

B Test it.

C Improve it. Get a new Engineering Notebook page.



Design a grabber to... catch a slippery fish like an eagle.



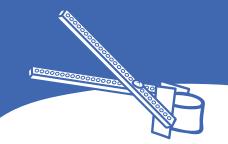
Design a grabber to... find a worm like a robin's beak.



Design a grabber to... hold a tree branch like a monkey.



Design a grabber to...
pickup as many nuts
as a chipmunk's mouth.





Design a grabber to...
hold a pencil like a person.
Try writing your name with it.





Design a grabber to... lift like an ant.

This could be difficult. Ants can lift 10 to 50 times their weight.