



Have you made an **electromagnet**? You will need to make it, before making your crane. Instructions for making the electromagnet are at **teachergeek.com/learn** 



Other documents available at teachergeek.com/learn



Here's how you make stuff with TeacherGeek:



Adult supervision required for children 12 and under.



Get Supplies

## You will need these TeacherGeek components for the Crane:

Available in the TeacherGeek Electromagnet Crane Activity, TeacherGeek Maker Cart, or at teachergeek.com (activity packs include extra components for further tinkering and innovation).



Multi-Cutter SKU 1823-81



Screwdriver SKU 1823-90



Pliers SKU 1823-86

Reamer SKU 1823-87

You will need these non-TeacherGeek supplies:





Magnetic Materials Erasers, Washers, Stapes, Dimes Candy, Pennies, etc.





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Use a 2.5cm (1in) **screw** to attach a **connector strip** to the **block**. This will become the crane arm.

Use a 2.5cm (1in) **screw** and **nut** to attach your **electromagnet** to the arm.



8





Finish your example Electromagnet Crane by attaching the **battery holder** and taping loose **wires**.



Documents at teachergeek.com/learn