

# "Catch the Bug"



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## Tools Needed for This Activity

Process	Process Description	Recommended Tool	Alternate Tool
Screwing	Tightening and loosening screws	Screwdriver 1373817 and 1373822	None
Wire Stripping / Crimping	Stripping wire insulation and crimping spade connector on	Crimping/Stripping Tool 1373825	Wire stripper and pliers
Soldering	Soldering wires to motors or other wires	Soldering Iron + Solder 1373818	None
Heating	Heating plastic to allow it to bend	Strip Heater 1373823	Blow dryer, heat gun, hot water

## Tools Needed to Do the Bug Electronics Lab

Process	Process Description	Recommended Tool	Alternate Tool
Measuring	Measuring output voltage	Digital Multimeter 1373821	None
Resistance	Allowing multimeter to give a more accurate reading	Resistor (2.7 ohm) 1373824	None
Connecting Wires	Connecting wires without having to solder or crimp	Alligator Clips 1374001	None

## Kit Contents

Component	50 Pack Quantity	10 Pack Quantity	Single Quantity
Bug Motors	100	20	2
Bug Switches	100	20	2
Feeler Tubbing	5	1	1
Bug Tires	5	1	1
Feeler Wires	100	1	1
5/8 Screws	200	40	4
Spade Connectors	50	10	1
Battery Holders	50	10	1
Colored Bug Wire	50	10	1
1/4 Screws	100	20	2



Make Your "Catch the Bug" Activity Even Better by Incorporating Recycling Bin Material



Incredible, affordable inventions that really work!