

# Women and Technology and Trade STEM Kit Info Sheet



## Brush Motor Kit

Kit Description:

*In this kit students will learn about the operation of a brush motor and apply that knowledge to build their own working motor. Students can also experiment to see what configuration of batteries in series and/or in parallel works best to lift a pencil from the ground using a string attached to a shaft.*

Key Areas Covered

*Grade 9, Academic Science*

Material Required:

Toy Motor Kit (FisherScientific - Science First Basic Electric Motor Kit)  
Single AA Battery Holder  
Wire Cutter/Stripper  
Ruler, Pencil, String, Tape  
4 AA Batteries  
Banana Plugs

