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How to Make a Rheostat

This summary will briefly describe my project on making a rheostat. First, I did some research on science fair projects and found information concerning an electrical device called a rheostat. A rheostat is a variable resistance controller for the strength of an electric current. Next, I made my rheostat, which is a simple dimmer switch that is used to dim the lighting within a house. In my procedure, I took a piece of wood and screwed a flash light to it. Then, I ran a wire up to the light from the positive side of the batteries and ran a separate wire from the negative side of my batteries to a spring. I then connected a wire on the ground side of the light to which I used to touch the spring in different places to turn on the light to prove the difference of electricity flow.