

DC Motor Kit Worksheet

Post-Lab Questions

1. List the different types of energy present in this experiment.
2. In your own words, describe why the magnetic field of the ceramic magnets causes the metal coil to rotate when it is connected to the battery.
3. Predict what would happen to the rotation of the magnetic coil if the alligator clips were switched from one copper post to the other (that is, transposed).
4. Write three (3) testable questions which can be answered by modifying your current set-up and performing an experiment.