Activity Assessment Tool

Simple DC Motor Lab

# Rubric

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Description | Poor | Fair | Good | Excellent |
| Does the Motor Work? | No effort made. | The motor is assembled, but does not run. | The motor works, with some (minor) modifications. | The motor works as intended. |
| Essay | No effort made to understand physics concepts and motor operation. (Witchcraft?)  Writing is confusing, vague, and generally incorrect. | Major gaps in understanding of physics concepts and their application to motor operation.  Writing is not always understandable and contains many errors. | Understands some physics concepts involved and their application to motor operation.  Writing is understandable, but requires minor revision. | Understands all physics concepts involved and their application to motor operation.  Writing is clear, precise, well-organized, and free from errors. |
| Safety | No effort made to follow safety standards.  (Emergency room trip is imminent.) | Lackadaisical about following safety standards.  (Band-Aids™ needed.) | Aware of safety standards, but requires occasional reminders. | Closely follows all laboratory safety procedures. |