Homopolar Motor Construction

The objective of this competition is to construct a Homopolar Motor using the following materials that will be provided:

- One AA Battery
- One Magnet
- Thin copper wire (You will not need pliers to bend the wire)

- Competitors will be evaluated by the total time it takes to build the motor and keep it running continuously for one minute.
- Competitors may not touch their motor while it is running or their minute will start again.
- There will be 2 clocks for the Homopolar Motor Construction contest:
  - The contest clock will start when the competitor begins work on their motor and will continue until it reaches the 5 minute mark.
  - The run clock will track the 1 minute running time for the motor. The run clock will be reset every time the motor is touched or stops working.
- Competitors will have a maximum of 5 minutes to complete their project. The 5 minutes includes the time to build the motor and the 1 minute run time.
- If a competitor has not successfully completed their project when the contest clock reaches 5 minutes, they will be disqualified.