REC for Cortex

3.3 Worksheet: DC Motor Scavenger Hunt

**3.3 Worksheet: DC Motor Scavenger Hunt 1 Worksheet**

**Name:**

**Class/Period:**

**Date:**

**Instructions:**

To complete this worksheet, you must search the Internet for key motor terms and definitions,

pictures of motor types, and to compile lists of name brand components. This exercise is

intended to bring out your scholarly effort.

Use the internet to complete the following:

1. Which inventor was interested in Direct (DC) Current, Nikola Tesla or Thomas Edison?

2. Ni-CD batteries are dangerous when they wear out for what reason?

3. Find more information (1 paragraph) concerning “memory effects” in Ni-CD batteries.

4. Find a picture or drawing of a rotor and stator from a brushed motor.

5. Find a cutaway diagram of a brushless motor.

6 .Find and list 5 companies that supply DC motors.

7. Find the torque and speed specifications for a least one brand of DC motor that operates

at 7.2 volts.