

NAME _____

DATE _____ Pd _____

65.1 Chemical Batteries

You are going to be testing metal combinations along with electrolytes, that will transform chemical energy into electrical energy. The motor transforms the electrical energy into the mechanical energy that causes the shaft to turn.

Design an investigation to test the combinations of metals, to see which metal combination spins the motor best.

Metal Combinations		Observations	Motor Speed
Copper (Cu)	Magnesium (Mg)		
Copper (Cu)	Zinc (Z)		
Copper (Cu)	Iron (Fe)		
Zinc (Z)	Magnesium (Mg)		
Zinc (Z)	Iron (Fe)		
Magnesium (Mg)	Iron (Fe)		

Observations for Part C

10.

11.

12.
