

Student Name _____ *Date* _____

Induction in an Aluminum Can

Please answer the following question related to this activity:

1. Does the aluminum can seem to be magnetic when the magnet is not rotating? Explain your answer.

2. How can you tell there is a changing magnetic field near the can?

3. Describe how the aluminum can moves when it is sitting on the water in the Petrie dish with a rotating magnet inside.

4. Use your own words and drawings to describe why the magnet causes the can to move.