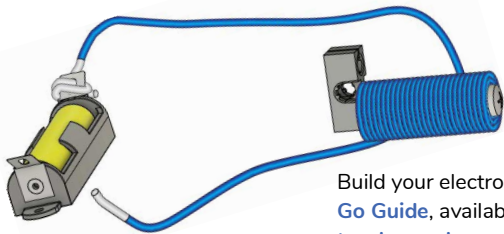


Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Lab Supplies

#### Built Electromagnet

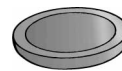


Build your electromagnet using the [Go Guide](http://teachergeek.com/electromagnetcrane), available at [teachergeek.com/electromagnetcrane](http://teachergeek.com/electromagnetcrane)

#### Objects To Test

Ideas: (what else can you test?)

- Staple
- Chair Leg
- Quarter
- Electromagnet Wire
- Doorknob
- Paper Clip



### Test Stuff!

**Magnetic objects** will attract or **stick to your electromagnet**. Pick some **objects** from the list above or find your own. Then test them to see if they're magnetic. Record the results below.

Object	Predict: Will it be magnetic?	Test: Is it magnetic?	Material: What's it made of?

## Conclusion

1 What was **similar** about the materials that **were magnetic**?

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2 What was **similar** about the materials that **weren't magnetic**?

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3 How can you **predict** if an object will be **magnetic**?

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