Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Investigation: Magnets

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| **Purpose**  **(reason)**  Ask a Question **?** | Will a magnet pick up all objects? |
| Make a **Hypothesis**  **(educated guess)**  [http://t1.gstatic.com/images?q=tbn:ANd9GcTd3foQW0T24cWlWHLRYamiNqhxrhZBHV8H_I16gRuuW3BDZNOKmA](http://www.google.com/imgres?q=think+cloud+clip+art&um=1&hl=en&biw=1024&bih=602&tbm=isch&tbnid=7V8tV1K2RjzVgM:&imgrefurl=http://www.easyvectors.com/browse/other/thought-cloud-clip-art&imgurl=http://www.easyvectors.com/assets/images/vectors/afbig/thought-cloud-clip-art.jpg&w=390&h=425&ei=hzZIUKWCFaa9ywH4qIHACQ&zoom=1&iact=hc&vpx=216&vpy=104&dur=250&hovh=234&hovw=215&tx=122&ty=131&sig=100599507846848886171&page=1&tbnh=126&tbnw=116&start=0&ndsp=17&ved=1t:429,) | Circle your Hypothesis  Yes, I think a magnet will pick up all objects.  No, I do not think a magnet will pick up all objects. |
| Do an Experiment  **Procedure**  **(instructions)**  http://www.hasslefreeclipart.com/clipart_school/images/science_beaker.gif | 1. Use the data sheet to predict which items you think Lady Guinevere will be able to pull out of the moat. 2. Use your lodestone to try and pull each object out of the moat. Record your findings. |
| **Data**  **(information)**  http://www.clker.com/cliparts/b/e/e/e/11949839881243335407note.svg.med.pngRecord your  Results | Use the attached sheet to record your data as you conduct the experiment. |
| Draw a **Conclusion**  (What you learned) |  |

Was your hypothesis right? Yes or No