



A Family Newsletter

Greetings, Family!

In our next unit, "Magnets and Electromagnetism," our science class will be studying magnets and how they work. We will explore the kinds of materials that magnets attract and how magnets interact with each other. Students will learn about how navigational compasses rely on magnetism to work. Students will also explore the relationship between electricity and magnetism, and build their own working electromagnet. They will also research the role of electromagnets in everyday devices such as telephones, speakers, and doorbells.

You can make science come alive for your child in and around your home. Help students identify what devices in your home make use of magnets to operate. How are the magnets used in the device? Does the device also use electricity? You can also have your child look in magazines or newspapers, and watch the news, for stories about magnets and devices that use magnets to work.

For the hands-on activities in this module, we are collecting the items listed below. Can you donate any of these items? If so, we need to receive your donated materials by _____.

- | | |
|--|--|
| <input type="checkbox"/> small unwanted silver objects such as jewelry | <input type="checkbox"/> breakfast cereals, Whole Grain Total™ and other types in self-sealing food storage bags (1 tablespoon labeled with name of cereal and daily percentage of iron) |
|--|--|

Finally, we could use your help in the classroom. Do you or other family members have any particular interest or special experience with this topic? Would you be able to help with the activities? If so, please fill out the form below and have your student return it to class.

Thank you very much for your help!

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Magnets and Electromagnetism

Parent: _____

Student: _____

Phone: _____

E-mail: _____