

Project FOCUS
Best Lessons
FIRST GRADE

Title of Lesson: Magnificent Magnets

Theme: Physical Science

Unit Number: 3 **Unit Title:** Magnets

Performance Standard(s) Covered (enter code):

S1P2

[Click here to enter text.](#)

Enduring Standards (objectives of activity):

Habits of Mind

- Asks questions
- Uses numbers to quantify
- Works in a group
- Uses tools to measure and view
- Looks at how parts of things are needed
- Describes and compares using physical attributes
- Observes using senses
- Draws and describes observations

Content (key terms and topics covered):

Magnet

North Pole

South Pole

Attract

Repel

Magnetic Field

Learning Activity (description in steps)

Abstract (limit 100 characters): In this lesson, a magnet is defined, and its properties are explained. As a class, the children are to predict what objects a magnet will attract and repel and then test their predictions.

Details: First, I began by gathering the children together on their floor mats and asked if anyone knew what a magnet was. I then started my PowerPoint on the Smart Board, giving them a more thorough definition. We discussed the north and south pole of a magnet, and how they correspond to the Earth's poles. More terms, such as attract, repel, and magnetic field, were introduced here. At this point, I passed out magnets to my kids so they could observe what happens for themselves. (They had to share because I did not have a pair of magnets for each kid.)

Next, as a class we predicted if a magnet would attract certain objects. Making sure everyone could see, I tested our predictions by holding the object in my hand and seeing if a magnet would pick it up. We recorded our observations to make sure everyone understood the experiment and to ensure each person was paying attention.

Finally, I sent everyone back to their seats and passed out paper and crayons. To reinforce the lesson, I instructed them to draw me a picture of a magnet and three objects it will attract.

Materials Needed (type and quantity):

Several bar magnets

One of each:

Tooth Pick

Paperclip

Rubber Band

Bobby Pin

Yarn

PowerPoint Presentation.. [\Documents\Magnets.pptx](#)

Notes and Tips (general changes, alternative methods, cautions):

Because I was missing half of my children, I did the experiment as a class. If my whole class had been there, I would have divided everyone in groups to allow them to test their predictions themselves. I recommend the smaller groups because it is more hands on, and everyone can participate. The only safety precaution I have is to make sure no one puts any of the objects in their mouths because one of mine tried to.

Sources/References:

- 1) Click here to enter text.
- 2) Click here to enter text.
- 3) Click here to enter text.