



Magnets and Electromagnets



Information About Me

Gender (Circle One): Male Female

Grade: 5th

County: Paulding

Are you part of a Military Family? (Circle One): Yes No

Number of Years in 4-H: 1

Race & Ethnicity (Circle all that apply): White African-American or Black Asian American Indian Pacific Islander Hispanic ethnicity

Answer the questions below by putting an "X" in the box.

0=Strongly Disagree or Disagree

1=Agree 2=Strongly Agree

**Because of today's lesson on
Magnets and Electromagnets...**

Strongly
Disagree

Disagree

Agree

Agree



I know that magnets are objects that attract certain types of metals

I know that there is a difference between natural magnets and electromagnets

I know that not all materials are attracted to magnets

I know that magnets have an invisible force around them called the magnetic field

I know that magnets are important for everyday life





Magnets and Electromagnets



Enter

1 = Correct Answer

0 = Incorrect Answer

Vocabulary

DRAW A LINE from each word to the correct definition

TRUE / FALSE QUESTIONS

Questions below by putting an "x" in the box.

True

False

Magnet

Metal made into a magnet by using electric current

Electromagnet

Area around a magnet that has a magnetic pull on other objects

Magnetic Field

The ends of a magnet with the strongest magnetic force

Electrons

material or object that produces a magnetic field

Magnetic Poles

Tiny spinning particles arranged in the same direction that create

1. A magnet is something that attracts certain metals

X

2. Magnets have both a north and south pole

X

3. Magnets have a magnetic field

X

4. A magnetic field is invisible

X

5. Electromagnets are created by introducing electric currents to metals

X

The most important thing I learned from this program....

MULTIPLE CHOICE QUESTIONS

1. What happens if you bring two north poles of a magnet together?

They attract each other

Nothing!

They repel each other

2. What happens if you bring the north and south poles of a magnet together?

They attract each other

Nothing!

They repel each other

3. Which items would be attracted to a magnet?

Plastic water bottle

Iron nail

Glass mirror

One thing I would change about this program.....

