

I. Magnetic Properties

- A. I can list the three elements that are most strongly attracted to a magnet.
- B.
 - 1. I can give the name of the strongest attracting parts of a magnet.
 - 2. I can recite two laws that describes how these strongest attracting parts of a magnet behave near one another.

II. Magnetic Fields

- A. I can explain the fact that magnetism extends beyond the boundaries of a magnet and I can give the name for this magnetic force.
- B.
 - 1. I can show how the distance from a magnet affects the magnet's ability to move objects.
 - 2. I can demonstrate how some magnets move objects more effectively than others.
 - 3. I can demonstrate how the mass of an object affects a magnet's ability to move the object.
- C.
 - 1. I can draw the shape of the magnetic force surrounding magnets.
 - 2. I can name something the lines of this drawing never do.
- D. I can name at least two **different** items that can be damaged by the magnetic fields **and** I can clearly describe what happens to each item.
- E. I can compare the magnetic force surrounding a typical magnet with the magnetic force that surrounds the Earth. I can also identify the strongest and weakest parts of the magnetic force surrounding the Earth.

III. Magnets and Molecules (Domains)

- A. Using arrows (\rightarrow) to represent molecules or "domains" of a magnetic material, I can draw both magnetized and non-magnetized materials. I can also explain what my drawing shows.