



## Builders



## Magnets



1. What is a magnet made of?
2. Read the Greek story/legend of how the first magnet was found and named.
3. What are the 3 main types of magnets?
4. What are magnets used for?
5. Complete 3 magnet experiments, such as listed below:
  - a. Magnet treasure hunt – Place around the room objects that will and will not magnetize. See how many different objects they can pick up with their magnet. Suggestions: nuts, bolts, tin foil, safety pins, etc.
  - b. Mineral rocks with iron – Lay various mineral rocks on a table and see if the children can select the ones with iron in them and they try to pick them up with their magnet.
  - c. Move an object with a magnet – Have a friend hold a sheet of paper between his/her two hands, place paper clip on top of the paper and a magnet below. Move the paper clip from one end of the paper and back again with your hand. Repeat this experiment by having your friend hold a plastic ruler, mirror, cardboard, etc. instead of paper. Did it work?
  - d. Create a magnet – Stroke a steel nail against a magnet 25-30 times. Stroke it in only one direction.
    - How many paper clips can you pick up at one time?
    - Is the nail as strong as your magnet?
6. Read/memorize Hebrews 7:19 and James 4:8.