



SUPER POWER GLOVES (MAGNETISM)

Courtesy of: Engineers Nova Scotia

In this activity the Brownies will learn about polarity of magnets and how magnets can be used to pull objects to them and push others away. They will also decorate their gloves with any remaining time.

Materials you will need:

- Gloves
- Magnets
- Magnetic items
- Handkerchief
- Decorating material (markers, stickers, etc.)

Instructions

Have the activity supervisor provide a general introduction to the entire group on magnetism. Break into your smaller groups and find a Guide Leader. Levitate a handkerchief using your magic glove. (Place a magnet under a handkerchief and place your glove with magnet attached over it.)

Reveal the trick to the girls and explain how magnets have “poles.” You can use Santa’s North Pole as a reference if you want to. Show how one side of the magnet will push another magnet away and how the other will pull it to you. Show how you can make a magnet spin using another magnet or pull multiple metal objects up at once.

After introducing the activity:

1. Hand out a glove to each girl.
2. Demonstrate how to attach the quarter to the inside palm of the glove using double sided tape.
3. Hand out a piece of double sided tape and a quarter to each girl and assist with attaching them to the gloves. Then hand out the magnets.
4. Hand out a piece of paper to each girl. Have them draw or write things they don’t like and things they like. Cut these images out and, using tape, attach them to the appropriate side of the magnet.
5. Encourage the girls to try pulling and pushing the items away from their gloves with each side of the magnet.
6. Take out the box of markers, stickers, jewels, etc. and allow each girl to decorate their glove.

