

*Raven Hill Discovery Center is a 501(c)(3) tax-exempt corporation.*

**Mission:** Raven Hill provides a place that enhances hands-on and lifelong learning for all ages by connecting science, history & the arts.

## Magnet exploration

Here is another magnet lesson. Find a strong magnet—rectangular ones work best. You'll also need some fine sewing thread, tape, paperclips, a little box (if you have one) and some paper, crayons and scissors to make your "people." Tie a thread to a paperclip and tape the other end of the string to a table or counter. See if you can use the magnet to pick up the paperclip without touching it. If you practice, you can raise the paperclip to a vertical position. OR, you can also hold the end of the string and let the paperclip dangle and "dance" just above a magnet without touching the magnet. You can hide the magnet in a box and then "dress" the paperclip on the thread as a person and put on a performance with your little person! Enjoy exploring with magnets! Remember to put everything away, when you are finished experimenting.



1 Supplies



2 Paperclip on thread



3 Pick up paper clip without touching

OR



4 Magnet in box



5 Clip will "dance" above