

Activity #6 - MAGNET PAINTING

What is a magnet? A magnet is a type of material that exerts force on some metal objects. Magnets attract iron, cobalt, nickel, and steel. Magnetic force can be felt from a distance; for example, if you place a nail near a magnet, the magnet's force will cause the nail to move towards it!

In this activity, we are going to play with magnets, and create art at the same time! You can experiment with a variety of metal objects and see which ones do and do not respond to the magnetic force exerted by your magnet wand.

Materials Needed

- Paper plates
- Small metal objects: washers, screws, paper clips, a ring, aluminum foil, etc.
- Magnet wand (*included*)
- Washable paint (*included*)



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other hand, place the magnet wand against the

bottom of the plate.

- Use the magnet wand to move the metal object(s) around the plate and through the paint to create one-of-a-kind art!

A few tips:

- It's great to have several paper plates on hand, because you will get better with practice!
- If you have paint at home, you can add it for a more colorful design—or make your own using the edible paint recipe from Cooking Chemistry week!

Additional Resources

For more in-depth information about magnet science—

<https://www.sciencekids.co.nz/sciencefacts/magnets.html>

For a fun family activity using magnets and toy cars—

<https://www.steampoweredfamily.com/activities/make-it-move-stem-challenge/>

