



# Virtual STEAM

## Science

### Magnet Challenge

**Goal:** I can test different metals to see how well they work with a magnet.

**Science Indicator:** SC.3.1.1.D Define a simple design problem that can be solved by applying scientific ideas about magnets.

#### Materials:

- 10 Paper Clips
- 1 Magnet Bar (Be Careful  
Magnets are STRONG and can pinch)
- Anything else in your home that is magnetic




#### Book Extension:

[Magnet Max](#)

[by Monica Lozano Hughes](#)

#### Instructions:

1. Watch the following YouTube Video for background knowledge:  
Fun with Magnets!  
<https://youtu.be/s236QInuWXg>
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2. Use your magnet to see how many paper clips you can hang from it
  3. Observe what happens each time you add another paper clip to your chain
  4. Document the challenge using video, photos, drawings, etc.
  5. Have fun!



**Extension:**

- What else can you find in your house/classroom that's magnetic? (Be careful when you place magnet close to other magnetic items, it's strong and can pinch your fingers)
- How many different items can you make connect?

**SPARKPositivity Connection:**

- **Empowerment/Self Esteem** - To feel good about yourself, to feel accepted, to feel proud of who you are and what you can do. Lessons include ways to boost self-confidence, accepting who we are and loving ourselves.

