

5<sup>th</sup> Grade 4<sup>th</sup> Day  
Science Literacy Connection 2

## Properties of Magnets

**Standard 3:** Students will understand that magnetism can be observed when there is an interaction between the magnetic fields of magnets or between a magnet and materials made of iron.

**Objective 1:** Investigate and compare the behavior of magnetism using magnets.

- a. Compare various types of magnets (e.g., permanent, temporary, and natural magnets) and their abilities to push or pull iron objects they are not touching.
- b. Investigate how magnets will both attract and repel other magnets.

### ELA W.5.2

**Title:** Magnets and Magnetisms For Kids

**Description:** Students will listen to the video.

**Materials:** Computer per student pair. Writing materials

**Procedures:**

1. The students are going to watch a video about magnets.

<https://www.youtube.com/watch?v=eYSG5aeTy-Y>

2. As the students are watching the video have the students take notes about the video using these ideas:
  - a. The discovery of magnets
  - b. Attraction of certain materials to magnets
  - c. Using magnets for finding directions.
  - d. How to make a compass.
  - e. Magnetic field of the earth.
  - f. Attraction and repelling
3. In groups of 4 to 6, have the students discuss their answers.
4. Have a class discussion about the video.



4. How to make a compass.

5. Magnetic field of the earth.

6. Attraction and repelling

Now get together in a group and discuss your answers.