

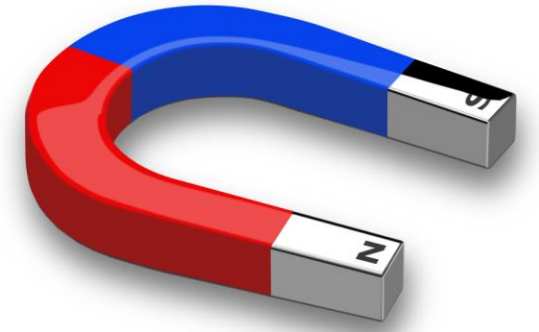
3rd Grade Science

Day 1



Standard:

3.P.3B.1 Develop and use models to describe and compare the properties of magnets and electromagnets (including polarity, attraction, repulsion, and strength).



I Can...

develop models to describe and compare the properties of magnets and electromagnets.

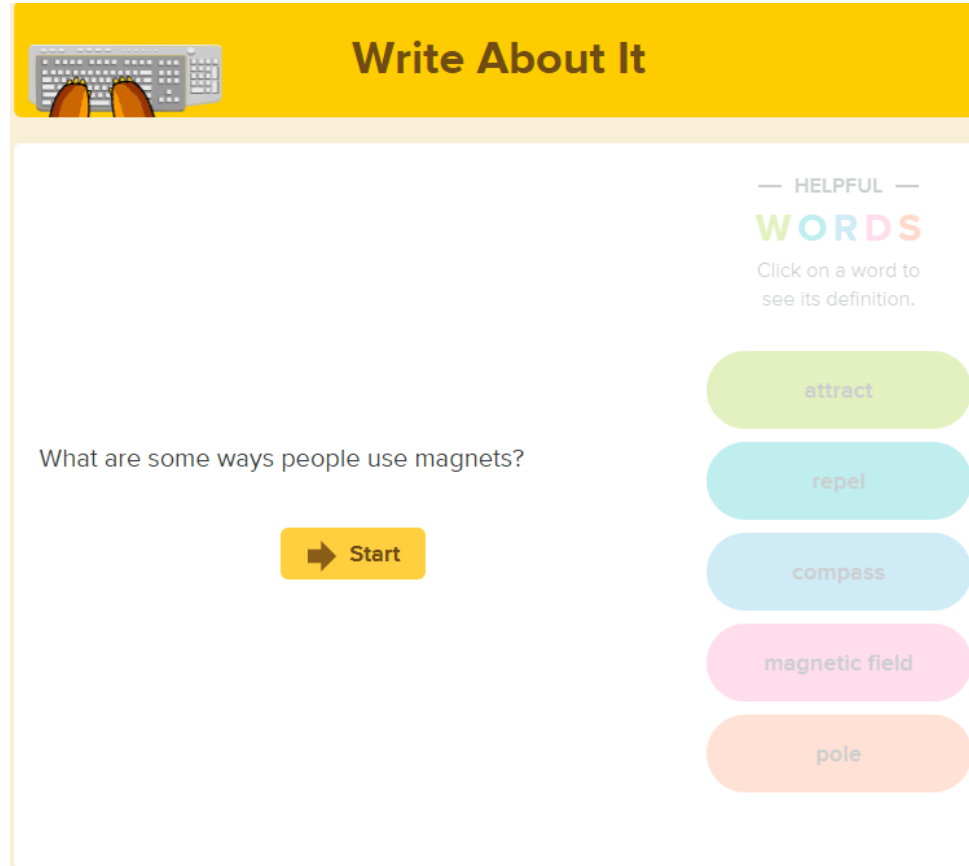
Essential Question

How do magnets interact with each other and other objects?

Engage

Write About it

What are some ways people use magnets?



Write About It

— HELPFUL —
WORDS
Click on a word to see its definition.

attract

repel

compass

magnetic field

pole

What are some ways people use magnets?

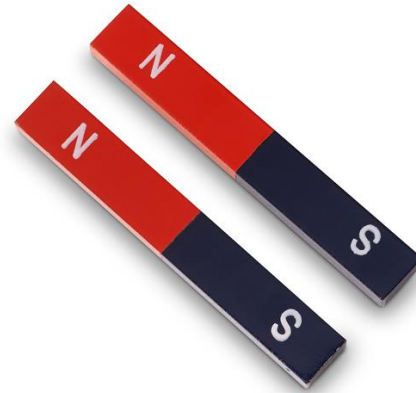
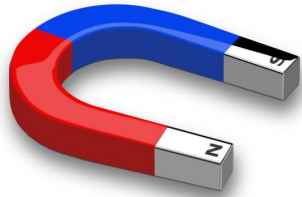
Start

Click the picture to go to the activity

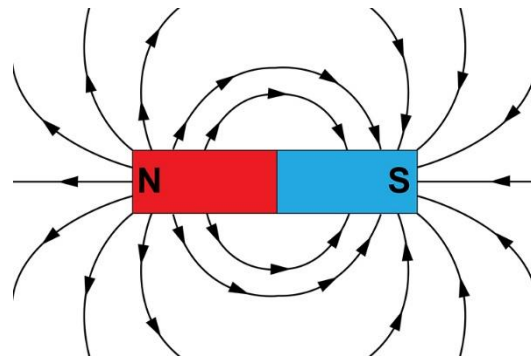
Explore

Vocabulary

Magnet – an object that produces a magnetic field



Magnetic Field - an invisible force commonly experienced as attraction and repulsion



Explore

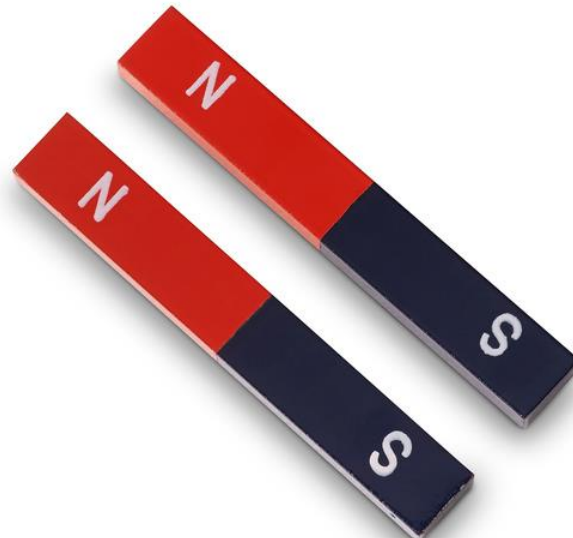
Vocabulary

The magnet pulls or attraction is strongest at the poles.

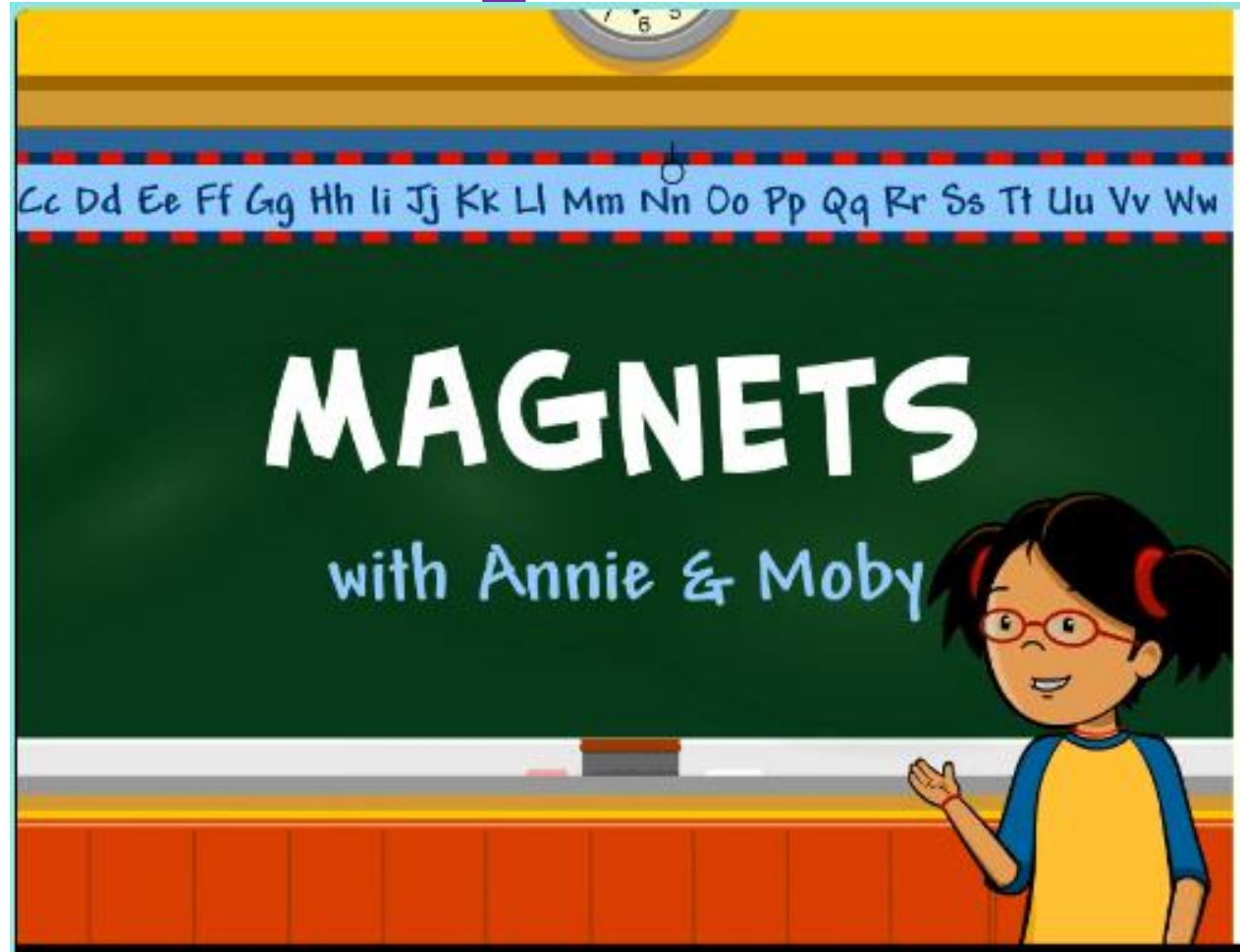
Every magnet has a North Pole and a South Pole.

Like poles repel each other.

Unlike pole attract each other



Explore



Click the picture to watch
the video

Explore

Magnetism



Click the picture to go
to the video

Explain

Answer the following questions



Number your paper for 5 questions.

1	
2	
3	
4	
5	

1. Which object will a magnet attract?

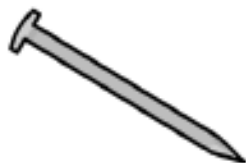
A.



B.



C.



D.



2. What are the two poles on a magnet?

A. north and south

B. east and west

C. north and west

D. south and east

3. What happens when the OPPOSITE poles of two magnets come near each other?

A. The magnets push away.

B. The magnets pull together.

C. The magnets get bigger.

D. The magnets disappear.

4. Which is TRUE about magnets?

- A. They can attract anything metal.
- B. They can attract aluminum cans.
- C. They can pull through liquids.
- D. They can repel pennies.

5. What happens when two magnets repel each other?

A. Their magnetic fields get bigger.

B. They come closer together.

C. They push away from each other.

D. They point to the North Pole.