



All About Magnets

Have you ever played with magnets? Magnets are pieces of metal that have magnetic fields around them. The magnetic fields are **invisible**. We can't see them. However, these magnetic fields are what makes the metal a magnet. Three things happen when you bring objects near a magnetic field.

Putting Magnets near plastic, wood, glass, or fabric, nothing will happen. It is just like having two objects next to each other. When objects are metal, it can push or pull the object. If the magnet pulls the object closer together, the object is **attracted** to the magnetic field. This is called Magnetism. If the object pushes away from the magnet, the object is repelled from the magnetic field.

Think about a time you played with magnets on a refrigerator. When you hold a magnet close to the refrigerator, it will stick. The magnetic field is attracted. It pulls the magnet to the refrigerator. The magnet will stay in that spot. Pushing two magnets together causes you to be able to feel the two magnets repel each other. The magnetic field is pushing the other magnets away. They will not stick together. The invisible magnetic field makes a big difference.

_____ are pieces of metal that have magnetic fields around them.

- A) invisible B) plastic
C) attracted D) magnets

If you can't see the magnetic field, it is _____.

- A) invisible B) attracted
C) objects D) closer together

Which objects are not attracted to magnets?

- A) glass**
- B) metal**
- C) refrigerator**
- D) screw**

What happens when objects are metal?

- A) They don't attract.**
- B) They are invisible.**
- C) They can push or pull the object.**
- D) They melt together.**

What happens when a magnet pulls objects closer together?

- A) It repels.**
- B) It attracts**
- C) It will not stick together.**
- D) It becomes invisible.**

What happened when you push two magnets close to each other?

- A) They stick together.**
- B) They attract.**
- C) They cause the magnetic field to become visible.**
- D) They repel each other.**

What is the main idea of the story?

What happens if you put a magnet close to a refrigerator?
