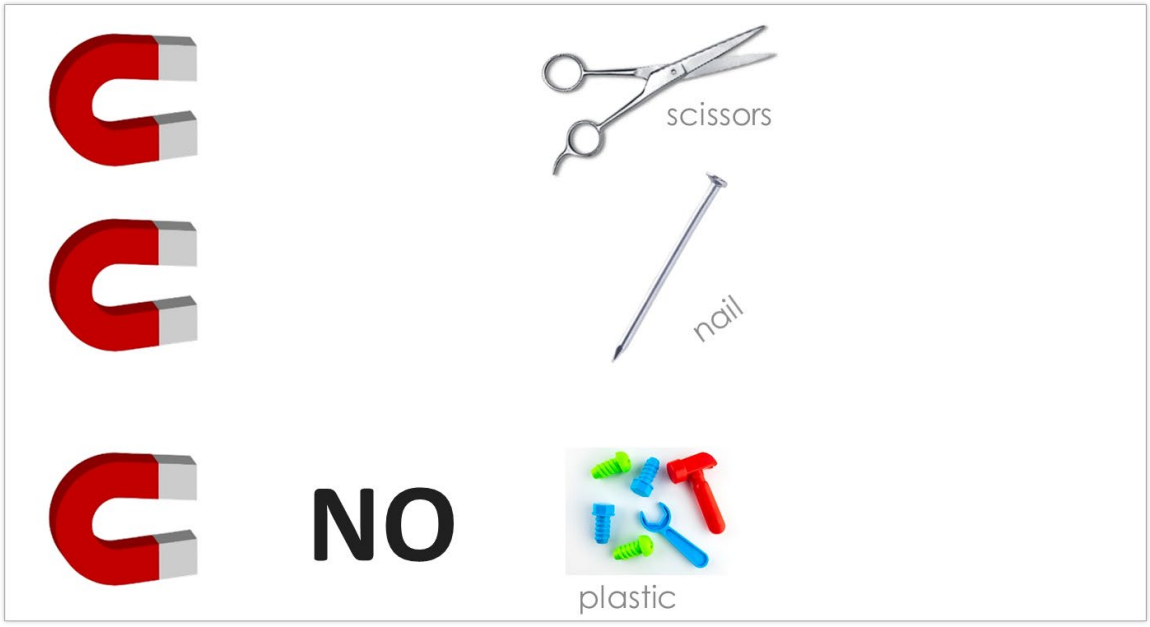
Magnetism is a force that attracts$_2$ some objects to a **magnet**.

- **Magnetism** is invisible, but you can see it work by using **magnets** and **objects** they attract.



CFU

Which shows a magnetic force? Explain..

A 

B 

paper clip

A **magnet** can **attract** objects that have iron in them.

Magnetic

scissors

needle

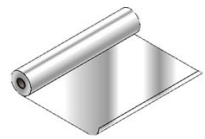
nail

Non-Magnetic

glass

wood

plastic



aluminum

CFU

Which object is attracted to a magnet? Explain.

A

plastic scissors

B

paper clip

Which objects are **not** have iron in Explain.

A

nuts and bolts

B

wooden toys

1 Read the question.
2 Read the passage.
3 Answer the question. (box and/or explain orally)

Magnetism

[1]Magnetism is an invisible force that attracts certain objects toward a magnet. [2]You can observe how it works using objects that contain iron, known as magnetic materials. [3]Examples include fridge doors, paper clips, and scissors. [4]Magnetism does not affect objects without iron, called non-magnetic materials. [5]For instance, it does not attract plastic toys, wooden blocks, or aluminum foil because they lack iron.

1. What is magnetism?

A. A magnet we cannot see.

B. An object that contains iron.

C. A force we cannot see.

2. How can we see magnetism work?

A. We can use objects like plastic toys and wooden block.

B. We can use objects that are attracted to magnet.

C. We can use special glasses to see it.

3. What are objects that have iron in them called?

A. They are called magnetic materials.

B. They are called non-magnetic materials.

C. They are called plastic and wooden toys.

4. What are some examples of magnetic materials?

A. Scissors, wooden blocks, aluminum foil.

B. Paper clips, plastic toys, scissors.

C. Scissors, fridge doors, and paper clips.

1 Read the question.
2 Read the passage.
3 Answer the question. (box and/or explain orally)

Magnetism

[1]Magnetism is an invisible force that attracts certain objects toward a magnet. [2]You can observe how it works using objects that contain iron, known as magnetic materials. [3]Examples include fridge doors, paper clips, and scissors. [4]Magnetism does not affect objects without iron, called non-magnetic materials. [5]For instance, it does not attract plastic toys, wooden blocks, or aluminum foil because they lack iron.

5. What are objects that DO NOT have iron in them called?

A. They are called magnetic materials.

B. They are called non-magnetic materials.

C. They are called paper clips and scissors.

6. What are some examples of non-magnetic materials?

A. Scissors, fridge doors, paper clips.

B. Paper clips, plastic toys, scissors.

C. Aluminum foil, plastic toys, wooden blocks.

Skill Closure

1 Read the question.
2 Give an explanation. (orally)

1	Why is it possible for letters to easily attach to whiteboards?
2	Why is it possible for the can lid to easily attach to the can opener?

Concept Closure

Use magnetism to write an explanation as to what is going on in the video.

Summary Closure

What did you learn today about magnetism?

Word Bank

invisible force
magnet
magnetic
attract

Observe the interaction of the magnet with each object.
Decide if it is magnetic or non-magnetic.

	Objects	Magnetic	Non-Magnetic
1	knife		
2	rubber band		
3	metal ruler		
4	safety pin		
5	plastic ruler		
6	cotton t-shirt		

Examine the results on the table.
Answer the questions.

Why is the metal ruler magnetic but not the plastic ruler? (orally)

What part of the knife would be magnetic and what part would not be magnetic?