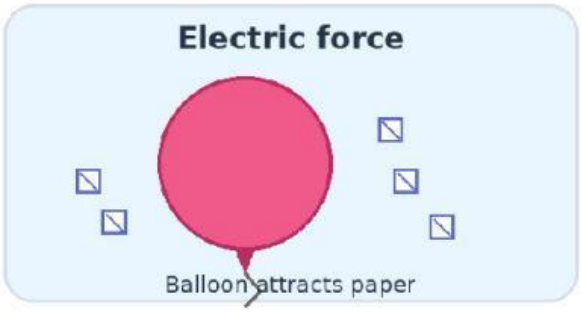
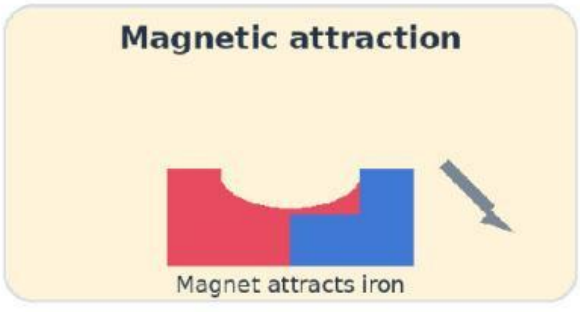
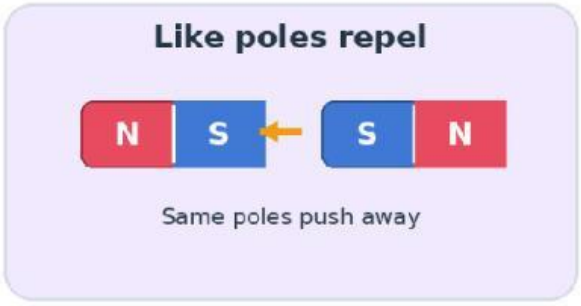
GRADE 3 SCIENCE

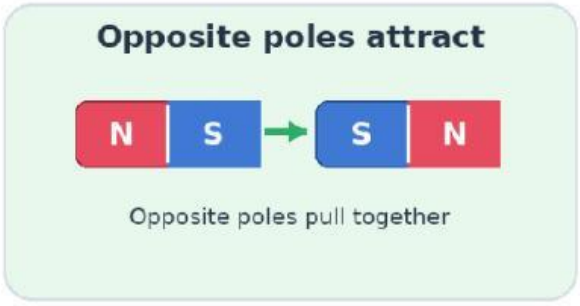
Electric Force & Magnetic Force

Name:_____ Class:_____ Date:_____









A. Choose the correct answer

1. What can electric force do?

A. Attract or repel objects
B. Only make objects hot
C. Only make objects move down

2. Which object can be attracted to a magnet?

A. Iron nail
B. Plastic spoon
C. Wooden pencil

3. What happens when two magnets with the same poles face each other?

A. They attract
B. They repel
C. They melt

4. Which forces can act without objects touching?

A. Electric force only
B. Magnetic force only
C. Both electric and magnetic forces

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B. True or False

5. Electric force can attract and repel objects. _____

6. A magnet can attract all objects. _____

7. Magnetic force can act without touching an object. _____

8. Opposite magnetic poles attract each other. _____

C. Drag and drop / Match

Match each example to the correct force.

Electric force • Magnetic force • Repulsion • Attraction

9. A balloon attracts small pieces of paper. _____

10. A magnet attracts an iron nail. _____

11. Two magnets push away from each other. _____

12. Two magnets pull toward each other. _____

D. Look and answer

13. The north pole of one magnet faces the north pole of another magnet. What will happen?

☐ They attract. ☐ They repel. ☐ Nothing happens.

14. A balloon attracts small pieces of paper. Which force is responsible?

☐ Magnetic force ☐ Electric force ☐ Gravity

15. A magnet attracts a paper clip. What is the magnet doing?

☐ Attracting the paper clip ☐ Repelling the paper clip ☐ Melting the paper clip



LIVEWORKSHEETS