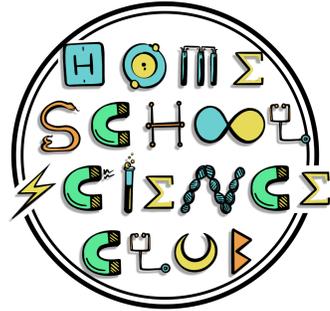


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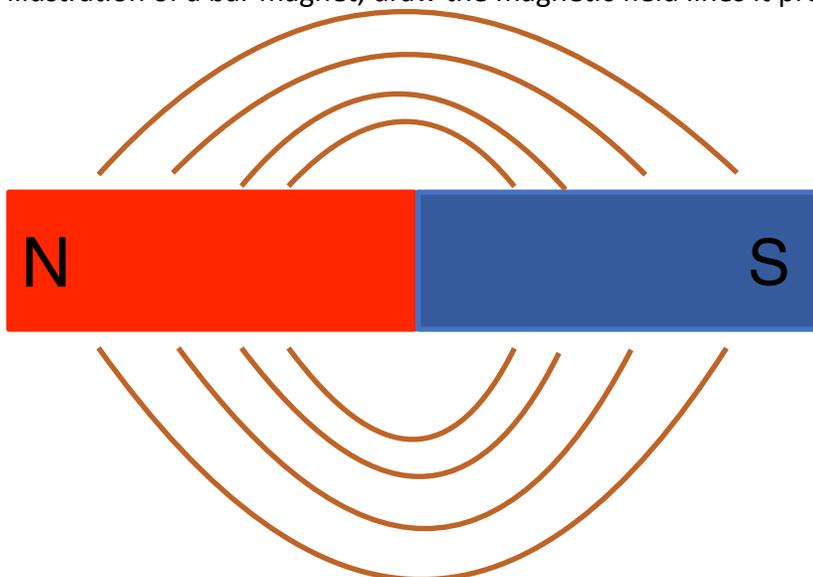
## Electromagnetic Train

1. True or False: The flow of protons and neutrons creates a magnetic field.  
\_\_\_\_\_
2. The name of the scientist who created the magnet and also discovered methane gas is:
  - A. Albert Einstein
  - B. Allesandro Volta
  - C. Nicola Tesla
  - D. Thomas Edison
  - E. Elon Musk
3. The scientific unit for current is the:
  - A. gram.
  - B. pound.
  - C. volt.
  - D. ohm.
  - E. watt.
4. Opposite ends of a magnet (poles) \_\_\_\_\_ each other while similar ends (poles) of a magnet \_\_\_\_\_.
  - A. repel / attract.
  - B. repel / repel.
  - C. attract / attract.
  - D. attract / repel.
5. Below is an illustration of a bar magnet, draw the magnetic field lines it produces.



## Electromagnetic Train-Answer Key

1. True or False: The flow of protons and neutrons creates a magnetic field.  
False: the flow of electrons produce a magnetic field.
2. The name of the scientist who created the magnet and also discovered methane gas is:
  - A. Albert Einstein
  - B. Allesandro Volta
  - C. Nicola Tesla
  - D. Thomas Edison
  - E. Elon Musk
3. The scientific unit for current is the:
  - A. gram.
  - B. pound.
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4. Opposite ends of a magnet (poles) \_\_\_\_\_ each other while similar ends (poles) of a magnet \_\_\_\_\_.
  - A. repel / attract.
  - B. repel / repel.
  - C. attract / attract.
  - D. attract / repel.
5. Below is an illustration of a bar magnet, draw the magnetic field lines it produces.



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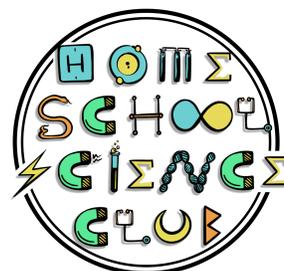
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