YEAR 4 SCIENCE

Magnets

Explore magnetic materials and how magnets attract and repel

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Name: _____ **Date:** _____ **Score:** _____ / 11

Will a magnet attract it?

1. a steel paperclip
   (a) yes (b) no
2. a plastic ruler
   (a) yes (b) no
3. an iron nail
   (a) yes (b) no
4. an aluminium can
   (a) yes (b) no
5. a wooden peg
   (a) yes (b) no
6. a steel bottle cap
   (a) yes (b) no

Choose the best answer.

7. What happens when two north poles are pushed together?
   (a) they repel (push apart) (b) nothing (c) they attract
8. What happens when a north pole and a south pole meet?
   (a) they repel (b) they melt (c) they attract (pull together)
9. A compass needle is a small...
   (a) magnet (b) battery (c) mirror

True or false?

10. Magnets attract all metals. True False
11. A magnet can pull through paper. True False

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Will a magnet attract it?

1. a) yes
2. b) no
3. a) yes
4. b) no
5. b) no
6. a) yes

Choose the best answer.

7. a) they repel (push apart)
8. c) they attract (pull together)
9. a) magnet

True or false?

10. False
11. True

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