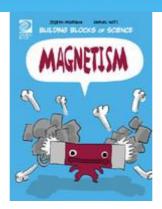
BUILDING BLOCKS OF SCIENCE!



Magnetism Activity Sheet

True or False: Magnetism either attracts or repels.
True or False: You can stick a magnet to a tree.
What are some examples of nonmagnetic materials?
What types of metals are magnetic?
What affects a magnets pull?
What are the positive and negative sides of a magnet called?
What happens to the poles if you cut a magnet in half?
How does a magnet pull on an object without touching it?
True or False: The Earth is a giant magnet.
Where are the magnetic poles on Earth?
Why does a compass needle always point north?
What is the relationship between electricity and magnetism called?

13. Why do people use electromagnets?

14. Draw your own version of Magnetism.

ANSWERS:

- 1. True.
- 2. False.
- 3. Wood, glass, plastic, rubber, silver, titanium.
- 4. Iron and nickel.
- 5. Distance. Magnets only attract objects that are relatively close.
- 6. North pole and south pole.
- 7. Each separate piece still has two poles.
- 8. Every magnet is surrounded by a magnetic field, which is invisible.
- 9. True
- 10. One pole of the magnet is in the Arctic. The other pole is in Antarctica.
- 11. A compass needle always points north because it is a magnet.
- 12. Electromagnetism.
- 13. Electromagnets are temporary magnets. Electromagnet fields can be turned on or off. A permanent magnet would have to be very strong to lift a car.