

## Unit: 5. Magnets and electromagnetism

Fill the gap with a suitable word :

rays	repulsion	electrical	temporary	natural	repel
attract	poles	force	atmosphere	metallic	

Magnetism is the force of attraction or \_\_\_\_\_ between objects.

Magnets can be \_\_\_\_\_ magnets such as magnetite or \_\_\_\_\_ magnets.

All magnets have two \_\_\_\_\_ : north and south. If you place two magnets with the same pole, they will \_\_\_\_\_ each other. If you place two magnets with the opposite pole, they will \_\_\_\_\_ each other.

A magnetic field is the area around a magnet where it exerts its \_\_\_\_\_.

The Earth is a magnet. The magnetic field around the Earth repels cosmic \_\_\_\_\_ and protects our \_\_\_\_\_.

Magnetic materials are always \_\_\_\_\_ but not all metals are attracted to magnets.

Electromagnets are objects that act like magnets when an \_\_\_\_\_ current passes through them.