

Chapter - 6 MAGNETISM

- South pole of the Earth's magnet is in the geographical North.
- North pole of the Earth's magnet is in the geographical South.
- In Magnesia, rocks contained large nos. of black stones which had the power to attract pieces of iron.
- The Black Stone came to be known as Lodestone or The Leading Stone because of the way it could be used to find direction.
- Today, it is known as the mineral magnetite (Fe_3O_4) and is found in many countries.

Magnetic and Non Magnetic Substances

- Materials which get attracted towards magnets are called Magnetic Materials, for examples, Copper, Iron, Nickel.

→ Magnets can attract or repel other magnets and can attract any magnetic materials even if it is not magnetised.

→ Non-Magnetic materials, such as wood, paper, plastic & most metals, don't get attracted towards magnets.