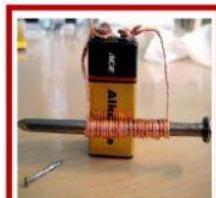


# What's the earth's Magnetic field like?

UNIT  
**5**

1.

Distinguish the three types of magnets.



## Word bank

Natural Magnet  
Electromagnets  
Bar magnets

2.

Fill in the gaps with the correct word.

If we could draw this magnetic field, the Earth would look like it had a \_\_\_\_\_ in its centre.

Many birds use the magnetosphere to help them to \_\_\_\_\_ when they are migrating.

The magnetosphere is essential to life on Earth because it deflects \_\_\_\_\_ from the sun back into space.

Radiation is \_\_\_\_\_ for plant and animal life on Earth. With no magnetic field, many species would quickly become extinct.

Without the magnetosphere, the outer layers of the atmosphere would be \_\_\_\_\_ by Solar radiation.

The earth has a magnetic field called \_\_\_\_\_

The North pole is actually the \_\_\_\_\_ of the Earth's magnetosphere. Therefore the geographic south pole is the \_\_\_\_\_ of the magnetosphere.

The centre of the Earth is made of \_\_\_\_\_. Because it's liquid, it moves slowly as the Earth rotates. Forming a magnetic field around the planet.

In a compass, the north pole of the needle is painted \_\_\_\_\_

By using a compass, We can always see which directions is \_\_\_\_\_ wherever we are.

## Word bank

Magnetosphere  
North  
Damaged  
North pole  
Red  
Bar magnet  
Radiation  
Navigate  
South pole  
Liquid iron  
Harmful