

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