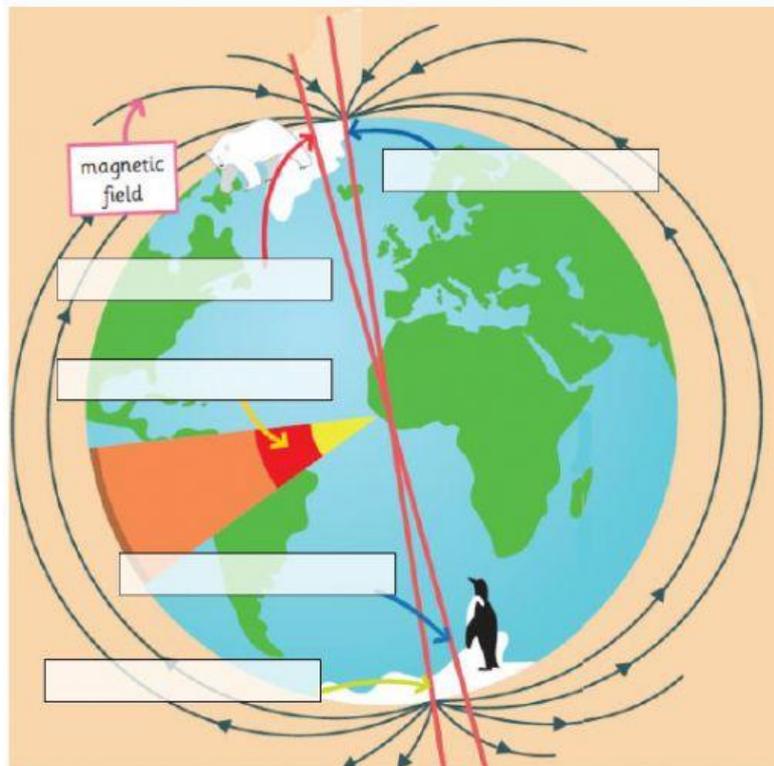


UNIT 6. MAGNETISM

THE COMPASS

1. Label the diagram.

geographical South Pole iron core geographical North Pole
magnetic North Pole magnetic South Pole



2. Complete the text.

Since the core of our planet is filled with hot, liquid _____, the Earth has a huge magnetic _____. Just like on a bar magnet, the Earth's poles are where the field _____ come together. We call them the North and South _____.



The magnetic field acts like the Earth's _____. It protects our atmosphere by deflecting harmful _____ rays from the sun as well as space _____ and particles from solar wind.

3. Choose the right option.

A compass is a navigational instrument that uses a magnetised needle. The _____ points north, south, east and west are marked on the _____ circle, or the compass rose, surrounding the needle. The _____ are also marked. Since a compass always points towards the Earth's magnetic _____, all you have to do is line the compass needle up with the _____ of the rose, and you know you are facing _____.

