

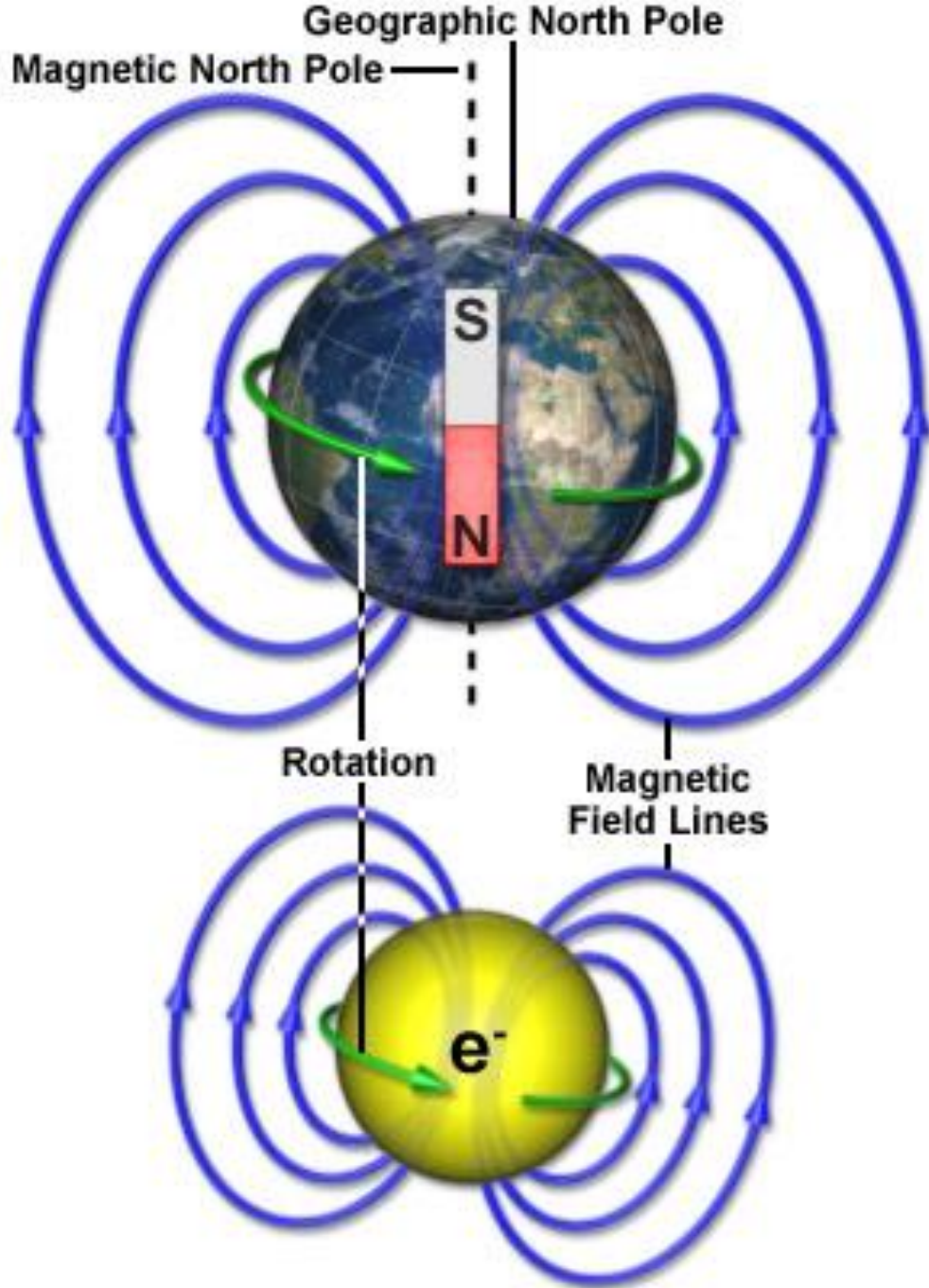
Earth as a Magnet

... and the phenomenon of the Aurora Borealis



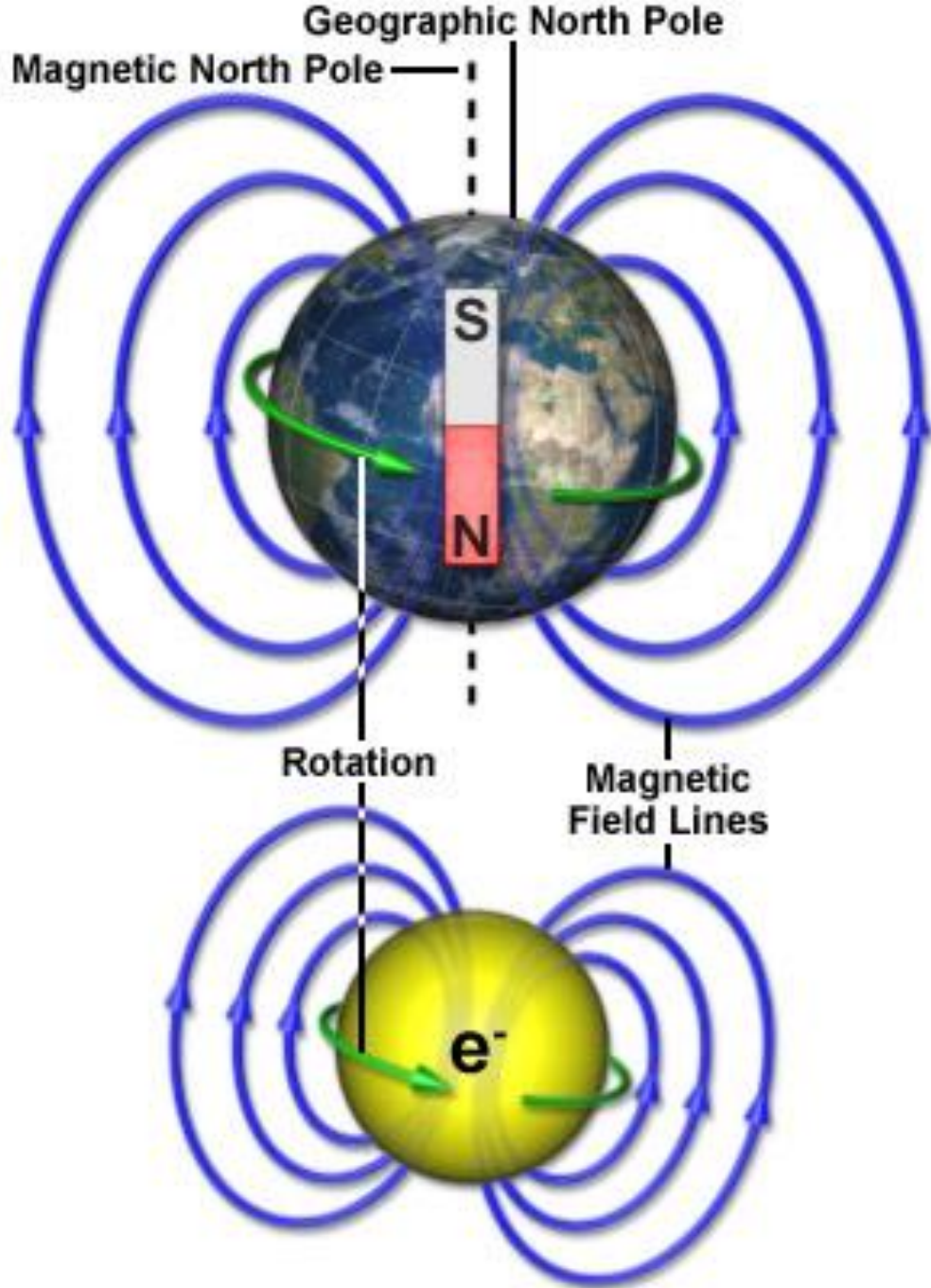
Created by Marie @ [The Homeschool Daily](#)

**The
Earth is
a giant
magnet.**



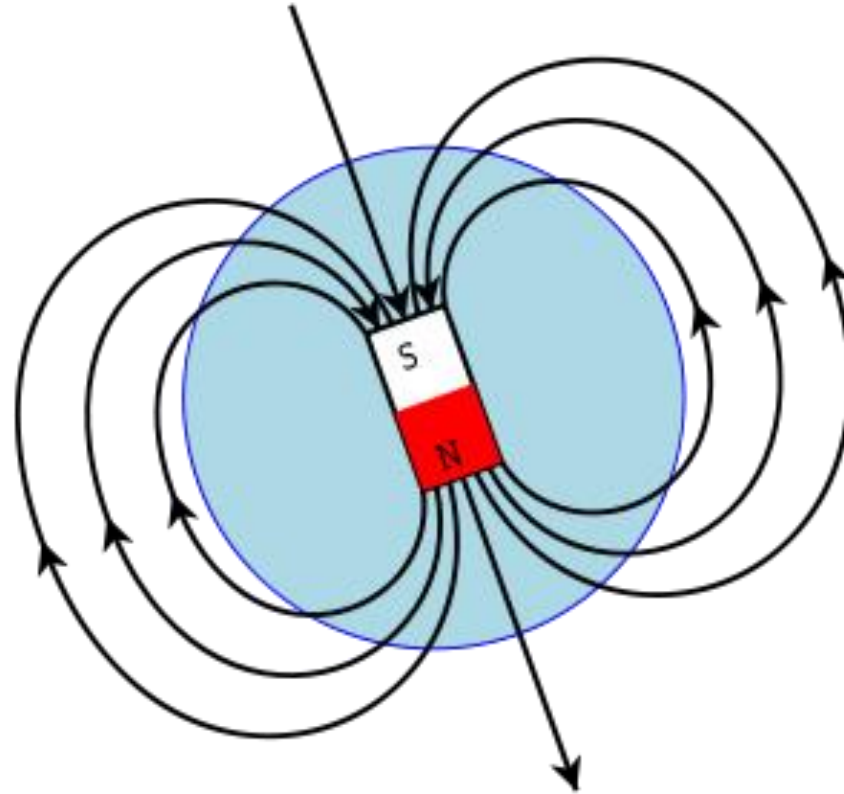
The Earth and electrons are both magnets.

Did you know that the Earth's magnetic field is thought to be formed from the spinning of its solid iron core?



The Earth and electrons are both magnets.


The geographic North Pole is the south pole of Earth's magnetic field.



The geographic South Pole is the north pole of the Earth's magnetic field.



Earth's magnetic field is like a force field protecting us from charged particles that are emitted from the Sun.



One of the most spectacular effects caused by the Earth's magnetic field is a curtain of light called an aurora. *An aurora is formed when charged particles from the sun interact with oxygen and nitrogen atoms in Earth's atmosphere.*

When charged particles from the sun strike these atoms, the atoms emit light of different colors.

The aurora borealis is also called the Northern Lights or Southern Lights. You can see this amazing light show near the poles.















Check out our
other learning
resources at
The
Homeschool
Daily



*“Set your affection on
things above, not on
things on the earth.”*

Colossians 3:2

Photo Credits

- <https://pixabay.com/photos/aurora-borealis-northern-lights-2647474/>
- <https://www.pexels.com/photo/green-aurora-phenomenon-2024887/>
- <https://pixabay.com/photos/aurora-borealis-night-northern-sky-2491595/>
- <https://pixabay.com/photos/aurora-polar-lights-northern-lights-1185464/>
- <https://www.pexels.com/photo/aurora-during-night-712398/>