OURSPACE

DIGITAL ADVENTURES IN SPACE

Magnets in Space

The Earth has a magnetic field and there are two places on Earth where these field lines are vertical: the North and South magnetic poles. These are unlike the geographic poles in that they are not fixed. If we have a bar magnet, with a north and south side marked, the north side is attracted to the north pole. This therefore means that the north magnetic pole is actually equivalent to a south magnet, otherwise the two north poles would repel each other. In this demonstration you can see the magnets in space interacting with the Earth's magnetic field.