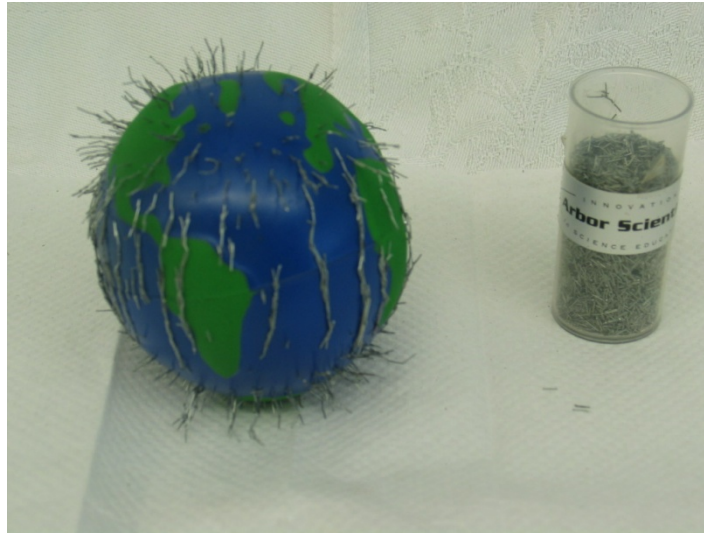


## Earth's Magnetic Field



**Purpose:** To visualize Earth's magnetic field.

**Location:** Room 146; shelf M4

This demonstration works great before or after the Dip Needle and Compass demonstration. This small globe has a small bar magnet at its core, oriented just as the Earth's magnetic poles are. By sprinkling the small steel strips onto the globe, students will be able to see how Earth's magnetic field lines run. They point along earth's surface at some points near the equator, but closer to the poles, they are pointing almost straight out of (or into) Earth's surface, just like at the ends of a bar magnet. It is recommended to sprinkle the strips over a sheet of paper for easy clean up.