

MAGNETOSPHERE WATERCOLOR ACTIVITY

Lesson Summary:

Students review vocabulary and the details of Earth's magnetosphere using a multisensory approach (visual, auditory and kinesthetic).

Objectives:

The student will:

- identify Earth's magnetosphere, geomagnetic poles, geomagnetic field lines, and magnetotail through a student-created watercolor art project; and
- examine how particles from the sun reach Earth's geomagnetic poles.

GLEs Addressed:

Science

- [5-8] SA1.1 The student demonstrates an understanding of the processes of science by asking questions, predicting, observing, describing, measuring, classifying, making generalizations, inferring, and communicating.
- [9] SD3.2 The student demonstrates an understanding of cycles influenced by energy from the sun and by Earth's position and motion in our solar system by explaining the phenomena of the aurora.

Search Terms:

- Earth
- magnetosphere
- geomagnetic poles
- geomagnetic field lines
- magnetotail
- sun
- watercolor
- art