

Lesson Summary:

Students use a balloon to diagram and label key features found on the globe, mark where they live, and draw where the aurora oval is found.

Objectives:

The student will:

- diagram the equator, prime meridian, international date line, Arctic Circle, Antarctic Circle, and magnetic north;
- identify and mark where they live on Earth; and
- diagram the location of the northern and southern aurora ovals.

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:

- globe
- aurora oval
- Arctic Circle
- Antarctic Circle
- magnetic pole
- International Date Line
- aurora borealis
- aurora australis
- Northern Lights
- Galileo
- Equator
- Prime Meridian