

# PREDICTING THE AURORA SCAVENGER HUNT

## Lesson Summary:

Students navigate the Predicting the Aurora Unit of the *Aurora Alive* DVD to find the answers to question on the STUDENT WORKSHEET: "Predicting the Aurora Scavenger Hunt."

## Objectives:

The student will research information by interacting with the *Aurora Alive* DVD.

## GLEs Addressed:

Science

- [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.
- [11] 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 exploring causes and effects related to phenomena (e.g., the aurora, solar winds, Coriolis Effect).

## Search Terms:

- Earth's magnetic field
- sunspots
- coronal holes
- aurora forecast
- Charles Deehr
- solar wind
- solar flare
- solar eruption
- black hole
- solar particles
- aurora
- Northern Lights