

## SUMMATIVE ASSESSMENT FOR WINTER ECOLOGY

The winter ecology field experience explores the ecological conditions of winter; strategies and adaptations applied by nature and humans for survival; snow properties and safety precautions for travel on snow; and relationships between winter/spring weather and summer drought. In this assessment, students will summarize their understanding of the topics at each station and write about two things they learned at each station. The following day upon their return, students will reflect about the field investigation in their science notebooks, knowing they will be creating an interactive poster to illustrate what they learned about various aspects of winter ecology. The glogster will incorporate technology skills of uploading and editing images, producing written text using a keyboard to communicate and organize ideas effectively. The process of organizing, creating and publishing a Glogster fosters creativity and innovation, communication and collaboration, research and information fluency, critical thinking, problem solving and decision making, and digital citizenship.

**Day 1** - Students will learn how to logon to the computer, set a password, save things to their z drive, naming conventions and a brief introduction to Glogster. We will stress using the same computer. Terms such as scroll, navigate, icon, file, server, web browser etc...will be utilized

**Day 2** – Introduce the rubric and again briefly show some of the tools/features of Glogster. Show students where the repository of pictures is in the student files.

**Day 3, 4, 5 and 6** – Students will draft and create an interactive blog. Students will designate a section of the blog for each station they visited on the snowshoeing outing. For each section, they will have an overview of the station, picture or graphic and two detailed descriptions about what they learned about the content from this station; six sections will be represented on the glogster. In addition, they will have a section on the glogster for their favorite part of the experience and elaborate about why it was their favorite.

**Day 7** – Students will self-assess their glogster using the provided rubric. In addition, students will present their Glogster to a small group of students and they will provide constructive feedback as well as one specific aspect of the Glogster they like.