Orienteering
Synopsis
4th-6th, Upper

Goals & Objectives
This program will:
• Introduce the basics of orienteering
• Give students the skills and confidence to navigate any environment successfully

Students will be able to:
• Effectively navigate an orienteering course
• Identify the parts of a map and how to orient
• Use a map and compass together

Activities
In the classroom:
• Discuss the various parts of a map and how to orient it outdoors and with a compass.
• Come to understand map scale
• Learn orienteering basics

In the field:
• Do a map walk- how should the map be oriented?
• Navigate a practice 3 point course
• Navigate a short, timed star course
• Orienteer a larger course as a team if time allows

Bad Weather Alternative
• Provide students with an indoor course that is formatted similarly to the outdoor course.
• Once finished, teams can attempt to create their own courses for other teams to complete.
• Students will play a matchup game that matches topography with the corresponding map section.
• Students will practice identifying correct portions of topography
• Slices of Earth activity to teach about topography.

MN Academic Standards
supported during HNC program.
More standards can be supported with pre- and post lesson activities.

Science
5.1.1.4 Models represent nature
7.1.3.4.1 Use map to predict landscape

Math
6.3.3.2 Estimate time and distance using scale
7.3.2.3 Solve problems using scale

Social Studies
4.3.1.1.1 TODALS map basics
4.3.2.3.1 Locate and id physical places
5.3.1.1.1 TODALS map basics
5.3.2.3.1 Locate and id physical places
6.3.3.6.1 Locate, identify and describe major physical features in Minnesota

Language Arts
4.8.1.1 C, D, 5.8.1.1 C, D, 6.9.1.1 C, D,
7.9.1.1 C, D, 8.9.1.1 C, D, 9.9.1.1 C,
11.9.1.1 C

Authenticity
Students will successfully navigate an orienteering course.