



PEAKS



CAMPUS

Warning: The red trails are downhill bike trails. Use extra caution when crossing and avoid traveling on the red trails.

Legend

- contour
- form line
- knoll
- depression
- stump, rootstock
- gully
- steep slope
- cliff
- main road
- minor road
- large path
- small path
- indistinct path
- fence
- power line

Class Powderkeg Permanent		
Course 2	3.5 km	245
Fence, South End		
42	Western Boulder cluster	
37	Copse Path Crossing, West side	
35	Path Path Crossing	
67	Southwestern Path Junction	
68	Path, Southeast End	
41	Building, West side	
45		

Orienteering & Navigation



Livingstone
Range
SCHOOL DIVISION



Orienteering & Navigation

Have you ever gotten lost or missed your turn on the trail? Do you have a bad sense of direction? Don't know how to use a compass? Without understanding direction or maps, navigating large dense forests or finding your way around town can be tricky. This program will teach your class proper compass management and navigation techniques, map reading, team building skills and strategies to make sure you know your way around regardless of where you are. Learn these valuable skills by participating in collaborative activities that challenge students' leadership, communication and team working abilities to achieve a common goal.

- **Grades:** 4-12
- **Duration:** 2-hours
- **Dates:** Available during all seasons
- **Where:** PEAKS Campus, Pass PowderKeg Ski Area, or another location per discussion.

***If you have interest or have any questions about this program, please contact [PEAKS Campus](#)**

Post Experience Survey: <https://forms.gle/oDWrnqckGv5uxwBU6>

*Must be completed by all teachers, supervisors and students.

Learning Objectives

PEAKS Campus utilizes the following Alberta Education competencies as guiding principles to student education:

Orienteering & Navigation

CRITICAL THINKING

PROBLEM SOLVING

MANAGING INFORMATION

CREATIVITY AND INNOVATION

COMMUNICATION

COLLABORATION

CULTURAL AND GLOBAL CITIZENSHIP

PERSONAL GROWTH AND WELL-BEING

Click [Curricular Links](#) for more information.

With PEAKS facilitators, students will have the opportunity to explore and investigate the following:

- Maps - features and how to use it.
 - Topographical maps, ratios/scale, measurements, using a ruler, distance estimation, legends
- Compass
 - How to use a compass and its features
 - Different kinds of compasses and navigation systems
 - True North vs Magnetic North
 - Alignment
 - What to do if you don't have a compass
 - signaling for help
- Techniques/Strategies
 - Landmarking
 - Pacing
 - "Leap Frog" system
 - Using the sun
- Orienteering
 - Purposes behind orienteering
 - What signs to look for