

GLOBAL COMPETENCIES

Collaboration
Communication
Global citizenship and sustainability
Critical thinking and problem solving

INITIATIVE HIGHLIGHT

Healthy Schools

MATERIALS

Compasses
Blindfolds

GEOCACHE CHALLENGE

Secondary Level

Suitable for: PPL, PAF, PAI, PAD

ACTIVITY DESCRIPTION

Students will work together in teams during this fun, competitive Geocache Challenge through the Blue Mountain Village. The teams will learn how to strategize and solve problems within an allocated time frame. Includes a take-home keepsake.

CURRICULUM CONNECTIONS

[Health & Physical Education](#)



Ontario
Curriculum



A1. participate actively and regularly in a wide variety of physical activities, and demonstrate and understanding of factors that can influence and support their participation in physical activity now and throughout their lives (A1.1, A1.2)

A2. demonstrate an understanding of the importance of being physically active, and apply physical fitness concepts and practices that contribute to healthy, active living (A2.1, A2.2, A2.3)

A3. demonstrate responsibility for their own safety and the safety of others as they participate in physical activities (A3.1)

B1. perform movement skills, demonstrating an understanding of the basic requirements of the skills and applying movement concepts as appropriate, as they engage in a variety of physical activities (B1.1)

B2. apply movement strategies appropriately, demonstrating an understanding of the components of a variety of physical activities, in order to enhance their ability to participate successfully in those activities (B2.1)

BEFORE YOU GO

Learning Goal

Students will learn the important skill of navigation with a compass and how it can contribute to a healthy, active outdoor lifestyle.

Minds On Activity

- Discuss the four cardinal points with students and identify the points within the classroom: north, south, east and west. As you identify each direction have students turn to face that direction.
- Next, have the students face north and put on a blindfold. Call out a direction and have the students turn (blindfolded) to face that direction. Those that face the wrong direction must take off their blindfold, but continue to participate.
- Continue to call out directions faster to make it more challenging as more students are eliminated. The last student wearing a blindfold is the winner.

Action Activity

- Review the parts of the compass. Explain and demonstrate how to hold the device.
- In pairs (unless there are enough compasses for every student), have students take turns demonstrating how to find a bearing. Call out a series of bearings (20°, 150°, etc.).
- Students must rotate the moveable dial to the bearing, turning their body until the magnetic needle is directly over the north or orienting arrow.
- Students use the direction of the travel arrow and call out an object or marking that aligns with the travel arrow.
- Repeat with the other partner holding the compass and using different bearings.

WHILE YOU ARE THERE

At Blue Mountain Resort

- During the Geocache Challenge, students will have the opportunity to employ the directional skills learned in the pre-trip activity, engage in collaborative problem solving, and enjoy outdoor physical activity.

ONCE YOU GET BACK

Consolidation Activity

- As a class discussion, have the students reflect on their Geocaching experience at Blue Mountain.
- Remind students that physical activity is a key component to health and wellness. Ask students if an activity like Geocaching would help support them to remain active and social their lives? Does the connection to the outdoors provide an opportunity that indoor activities might not? Explain your thinking.