



Equipment	GPS device or a GPS-enabled mobile phone, pen (optional)
Learning Outcome	Use a GPS device to navigate to a set of coordinates to locate geocaches while exploring outdoor locations.
COVID-19 Safety Precautions	Remind students to keep a safe physical distance from each other. If possible, do not have students share GPS devices.

Flipped Classroom Strategy (Optional)

A flipped classroom is an instructional model where direct instruction is delivered to students outside of and before instructional time. Students are introduced to content that supports the introduction, comprehension, and recall of content and then instructional time is utilized to apply, analyze, synthesize, or evaluate content.

Before implementing this activity during instructional time, create a video or written instructions to share with students introducing geocaching. Refer to [Parks Canada Guidelines for Geocaching](#) page for support. Encourage students to create a free account at www.geocaching.com.

Activity Description

Provide students with an introduction or review to geocaching. If utilizing a flipped classroom strategy, remind students to apply what they learned in advance of the activity.

Take time to review safety considerations and emergency protocol with students in advance of playing. Ensure that students have access to a GPS device as well as a free account at www.geocaching.com. Encourage students to log into their account and locate a nearby geocache. Students use their GPS device to locate the geocache and log it into their www.geocaching.com account. If students locate geocaches that have a log book, they can log their information there as well. Note that some geocaches have items (e.g., keychain, bracelet, magnet, etc.) that can be traded when the geocache container is located. Communicate with students if this is an option and share that the rule of thumb in geocaching is that if you take something, you leave something of equal or higher value. Provide students with an allotted amount of time to search for geocaches and communicate a central location where you will be so they can connect for support as needed.

Physical Education Competencies



MOVE

Develop psychomotor skills, tactics, and strategies that facilitate a variety of physical activities across diverse environments.



THINK

Develop cognitive skills and strategies for a variety of movement contexts that facilitate critical thinking, decision-making, and problem solving.



FEEL

Develop affective skills and strategies that facilitate healthy and safe relationships with themselves, with others, and with their environment.



ACT

Practice behaviour skills and strategies that facilitate movement competence and confidence.



Reflection Questions

Reflection is important to support learning during physical education. Consider asking students the reflection questions below and discuss the answers together.

- *How do you think geocaching differs from other types of physical activity?*
- *What was your biggest challenge in locating a geocache?*



Inclusion Considerations

Modifications can be made to a variety of activity components to ensure inclusion. As you plan activities, consider how everyone can be involved and how to modify or adapt the activities to ensure the full inclusion of all. The STEP framework provides modifications to the following activity components — space, task, equipment, and people.

S Space	T Task	E Equipment	P People
Start the activity in a location close to geocaches.	Provide students to clues that lead to landmarks within the location (e.g., signs, specific trees, etc.).	Students use the required equipment for them to complete the activity successfully.	Students complete the activity in small groups.

Observing Learning Outcomes

Consider the following when observing student learning.

- Is the student able to demonstrate how to successfully use a GPS device and follow a set of coordinates?
- Does the student demonstrate an appreciation for exploring outdoor locations?
- Is the student engaged and successful at identifying at least one geocache?

Connecting to PHE At Home Learning

The following PHE At Home Learning activity can be utilized by students at home or modified for use during instructional time in order to extend learning.

[Tell the Tale of Your Wellness Walk](#)