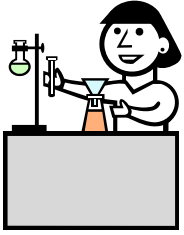


Scenario Task Card



As **Hydrologists** (people who study water), you have been given the role of investigating the water quality of Siena Island, a newly discovered island in the thousand islands. It has an active and healthy ecosystem that has never been disturbed. As the best water scientists in Canada, you have been selected to carry out this assignment by testing and using natural water resources in a sustainable manner. Your survey will include analysis of **Pine Lake**, **Tulip River**, and **Cedar Bog**, which are three different bodies of water on the island. The task involves conducting various tests, such as a **pH**, **turbidity**, **bacterial count**, **filtration**, and **erosion and deposition analysis** to determine how safe the water is for drinking. As a team you will be recording your findings in a data report with the final recommendations presented to the class on the future use of the island.



BLM 1.1.b