



# GPS UNITS



This educational kit includes 12 GPS units, owner's manual, and numerous GPS lesson plans for all grade levels. Some activities are;

- **Amazing GPS race:** Where there is several selected locations in the community for cache stations, and a recruited volunteer for each one. A listing of the cache locations and clues in the form of poems or riddles is provided to the students. The volunteers at each station were given an envelope with clues for each team. Each team has a different route to follow, so the clues in the volunteer



envelopes were colour-coded. Once the team has completed the task, the volunteers provide them with the next clue.

- **GPS Hide and Seek:** The Children find a good hiding spot for their treasure in the area specified by the teacher. Using the GPS receiver to mark a waypoint (location). The children record the number for this waypoint and its latitude and longitude on a paper. During this activity students learn how to mark waypoints and determine their latitude and longitude. The students also learn how to use the GO TO command to find a waypoint and receive a treasure as a reward.
- **Survivor Science:** First students calculate the waypoint using the information given and then use the GPS unit to find the location. They then Complete the task listed on the Challenge Card or hidden in the microcache (film canister).