What is Geocaching?
What is GEOCACHING?

- A treasure hunt!
- A game!
- Hide and seek!
How do you play?

• Hide a cache, but give its GPS coordinates as a clue
  - Other clues and puzzles are sometimes involved
• Seek the hidden cache using a GPS receiver and the coordinates
• Find the cache and record your findings in the logbook
What is GPS?

- **Global Positioning System**
  - 24 satellites in geostationary orbit
- **GPS receivers**
  - Receives information from the satellites
- **Geographic coordinates**
  - Position on the Earth’s surface
  - Latitude and longitude
  - Given in Degrees Minutes Seconds or Decimal Degrees
How popular is geocaching?

• Over one million active caches
• Estimated 3-4 million participants worldwide
• Over 100 countries and all 7 continents (yes, Antarctica!) have geocaches
Geocaching vs. Virtual caching

- Virtual caching highlights points of interest, and is ecofriendly
- Leave nothing, take nothing
- National parks only allow virtual caching in their boundaries