

## **GPS Games**

GPS receivers have been used not only to improve work of certain professions and to aid travelers around the world but also as a toy. There are many games children and adults play outdoors to have fun, physical exercise and be willing to win.

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### ***Helper's Guide***

#### **Answers to Additional Challenge Section**

Seven Nebraska landmarks include: Nebraska Capitol Building, Desert Dome at the Omaha's Henry Doorly Zoo, Lied Lodge and Conference Center, Strategic Air and Space Museum, Chimney Rock, Smith Fall, and Great Platte River Road Archway Monument.

#### **How to Prepare**

This is the least prescriptive activity and its success depends on your assistance. Please, be creative when developing the challenge. Following are a few general recommendations:

- Make all necessary GPS setting (if time allows, waypoints should be entered by students).
- Make sure that all the waypoints are easily and safely accessible.
- Identify waypoints where students will be required to collect or deposit an item.
- Some waypoints should contain coordinates or directions to the next waypoints.
- Assure that the teams do not take advantage of visually spotting their opponents (e.g., separate teams by time, or provide different sets of waypoints).
- Award the winners.

#### **Need to Emphasize**

- Any GPS receiver does not always lead to the exact destination
- To move around landscape, one needs to take into account any obstacles.
- Efficient teamwork can be the key to a winning strategy.

#### **Related Links**

- <http://www.geocaching.com>
  - <http://www.earthcache.org>
  - <http://www.terracing.com>
  - <http://www.gpsgames.org>
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