

GPS Contest

Team GPS Competition

Teams will use a Garmin eTREX 20 GPS unit to find hidden caches and complete a score sheet using stamps hidden at each cache.

What to bring:

Materials for this contest will be provided on site.

Competition Instructions:

Each team will be given 1 GPS unit, 1 score sheet to record the letters they find, and one pad of ink to use to stamp each letter onto their score sheet. The course will have alphabetic stamps hidden at known coordinates just like a geocache would be hidden. The score sheet will have the coordinates.

The teams will be given 30 minutes to follow the coordinates to each cache, stamp their score sheet with the stamp located at each cache, and form the correct word or phrase from the letters they have collected.

Each team will have a different word or phrase that they must complete. Each team will have to find the same number of points.

Rules:

1. Teams will consist of a minimum of 2 participants and a maximum of 4 participants.
2. Each team may only use 1 GPS unit during the contest.
3. Each team will be given 1 score sheet to record the letters they find.
4. Each coordinate must be found and the letter must be written and stamped on the score sheet. An unstamped letter does not receive points.

Judging:

Points will be awarded for each letter found.

Each letter will carry the same value.

If the entire word or phrase is not completed during the allotted time, a team is still eligible to receive points for the letters found.

If more than one team completes the word or phrase in the allotted time, the team that finished first and correctly will receive first place.



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Background Information:

The GPS contest will be set up using a Garmin GPS unit. The coordinate system that will be used is degree decimal minutes (DDM). This is a decimal version of Degree Minutes Seconds. DDM is used by geocachers and a growing number of other GPS enthusiasts. In this format, coordinates look like this:

Example: N47° 37.216' W122° 19.75'.

The north/south and east/west position remains unchanged. The difference is that the seconds part of the location is converted to a decimal by dividing the seconds by 60. Position format is a feature that should be adjustable in the GPS unit.

Example Score Sheet (Score sheet used during competition may vary in number of points)

Point 1:

Coordinates: N 34° 06.847' W 080° 50.910 Letter _____ Stamp:

Point 2:

Coordinates: N 34° 06.847' W 080° 50.910 Letter _____ Stamp:

Point 3:

Coordinates: N 34° 06.847' W 080° 50.910 Letter _____ Stamp:

Point 4:

Coordinates: N 34° 06.847' W 080° 50.910 Letter _____ Stamp:

Point 5:

Coordinates: N 34° 06.847' W 080° 50.910 Letter _____ Stamp:

Point 6:

Coordinates: N 34° 06.847' W 080° 50.910 Letter _____ Stamp:

Point 7:

Coordinates: N 34° 06.847' W 080° 50.910 Letter _____ Stamp:

Point 8:

Coordinates: N 34° 06.847' W 080° 50.910 Letter _____ Stamp:

Point 9:

Coordinates: N 34° 06.847' W 080° 50.910 Letter _____ Stamp:

Word or Phrase: _____

