

# GPS CONTEST

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**Description:** Contestants will participate in four GPS activities, including Area Calculation and Mapping, Waypoint Marking and Navigation, Distance Calculation, and Impromptu Questions. Contestants may bring their own GPS Unit, however, Garmin eTrex Legends, owned by the State 4-H Office, will also be provided.

**Entries:** May enter as individuals only in this contest.

**State Awards:** First Place individual will receive the choice of \$50 towards future county/state event, State 4-H Contests Jacket, or registration for "State Contests Winners" Retreat.

**Sponsor:** Utah 4-H

## Special Information:

Contestants will have a basic overall knowledge of GPS Navigational Technology and its applicability to real-life situations. Contestants should be familiar with their GPS Unit and should be able to answer impromptu questions regarding their GPS unit, the contest, what they have learned through this project, or other related GPS technology.

## Contest Rules:

1. Contestants must know how to use their GPS Unit prior to the contest. Those individuals that are using State 4-H GPS Units will be able to check out the units prior to state contests. Once the GPS contest begins, instruction will not be available.
2. Contestants will function on an individual basis throughout the entire Contest. Contestants will not work in teams or receive outside assistance.
3. Contestants must know how to properly read maps and navigate accordingly.
4. Contestants will map a designated area and calculate that area size. Contestants will also mark that location on the map.
5. Contestants will find precise locations through given coordinates of known points. Contests will log in at site locations in order to verify completion of contest section.
6. Contestants will be able to determine distances from current location to given known points.
7. Contestants will participate in a short, one-on-one, interview with Contest Judge where impromptu questions regarding GPS technology will be asked.
8. No notes will be allowed during impromptu questions. However, GPS Units will be allowed to assist in answering questions.



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## CONTEST SCORE SHEET

**RIBBON AWARDED**  
(circle one)

**BLUE**  
**RED**  
**WHITE**

NAME \_\_\_\_\_

COUNTY \_\_\_\_\_ AGE \_\_\_\_\_ YEAR IN 4-H \_\_\_\_\_

SUBJECT	POINTS POSSIBLE	SCORE	COMMENTS
<b>KNOWN-POINT NAVIGATION</b> <ul style="list-style-type: none"> <li>▪ Proper utilization of maps</li> <li>▪ Successful data transfer to provided map</li> <li>▪ Name listed at log-in site</li> </ul>	10		
<b>AREA CALCULATION</b> <ul style="list-style-type: none"> <li>▪ Proper utilization of maps</li> <li>▪ Correct area calculation of specified site</li> <li>▪ Successful data transfer to provided map</li> </ul>	15		
<b>DISTANCE</b> <ul style="list-style-type: none"> <li>▪ Correct distance calculation from known-point to designated location</li> </ul>	15		
<b>INTERVIEW</b> <ul style="list-style-type: none"> <li>▪ Effective use of time</li> <li>▪ Knowledge of subject</li> <li>▪ Information given in logical manner</li> <li>▪ Equipment handled with ease and skill</li> <li>▪ Methods and principles well understood</li> <li>▪ Questions answered satisfactorily</li> </ul>	50		
<b>PARTICIPANT</b> <ul style="list-style-type: none"> <li>▪ Well groomed</li> <li>▪ Dressed appropriately</li> <li>▪ Voice distinct and reasonably strong</li> <li>▪ Pleasant, natural, yet enthusiastic and convincing</li> <li>▪ Zero assistance received throughout entire contest</li> </ul>	10		
<b>TOTAL POINTS</b>	<b>100</b>		