

## GEOSPATIAL TRACK AND CONTEST

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**Description:** The geospatial track will provide youth an opportunity to learn about geospatial science and the application of GPS and GIS in a variety of environments. Youth will take part in geospatial learning activities followed by the Geospatial Challenge.

**Entries:** May enter as individuals or teams of two

**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:** Daniels Fund

### Special Information:

Contestants will have a basic overall knowledge of GPS Navigational Technology and its applicability to real-life situations. Contestants will be using the Garmin E-Trex Legend with pre-loaded waypoints for the Challenge. Challenge event source material will come from Exploring Spaces, Going Places curriculum available from National 4-H Supply.

### Challenge Event Guidelines:

1. Brief training on finding waypoints will be provided as part of the geospatial learning activities. Once the challenge begins, instruction will not be available.
2. Youth will function as individuals or as registered teams that do not separate once the challenge begins. Individuals or teams may not receive outside assistance.
3. Contestants must know how to properly read maps and navigate accordingly.
4. Contestants will find precise locations through given coordinates of known points.
5. Contestants will complete activities/answer questions based on the Exploring Spaces, Going Places curriculum at various points in the challenge.
6. Youth may be required to provide written or verbal responses to questions on the course.
7. The event will be timed from the moment contestant leaves start and until the end of the course.



# GeoSpatial Contest

RIBBON AWARDED  
(circle one)

BLUE  
RED  
WHITE

NAME \_\_\_\_\_

NAME \_\_\_\_\_

COUNTY \_\_\_\_\_

SUBJECT	POINTS POSSIBLE	SCORE	COMMENTS
CHALLENGE STATION 1	15		
CHALLENGE STATION 2	15		
CHALLENGE STATION 3	15		
CHALLENGE STATION 4	15		
CHALLENGE STATION 5	15		
CHALLENGE STATION 6	15		
<b>TIME RANKING</b> <ul style="list-style-type: none"> <li>▪ Lowest time receives 10 points scaled down after that based on number of participants</li> </ul> <b>Ending Time</b> _____	10		
<b>TOTAL POINTS</b>	<b>100</b>		