

Blueridge Park Orienteering Course

Designed to meet Scouts BSA First Class Requirements 4a and 4b



Blueridge Park
5600 Court Rd, Houston, TX 77051



Fort Bend County Parks & Recreation
www.fortbendcountytexas.gov



Eagle Scout Project by Erik Driever
Troop 103, Thunder Wolf District
Sam Houston Area Council
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Blueridge Park Orienteering Course Overview



Blueridge Park Orienteering Course (1.02 miles)

Designed to satisfy Scouts BSA First Class Requirements 4a and 4b:

4a. Using a map and compass, complete an orienteering course that covers at least one mile and requires measuring the height and/ or width of designated items (tree, tower, canyon, ditch, etc.).

4b. Demonstrate how to use a handheld GPS unit, GPS app on a smartphone, or other electronic navigation system. Use GPS to find your current location, a destination of your choice, and the route you will take to get there. Follow that route to arrive at your destination.

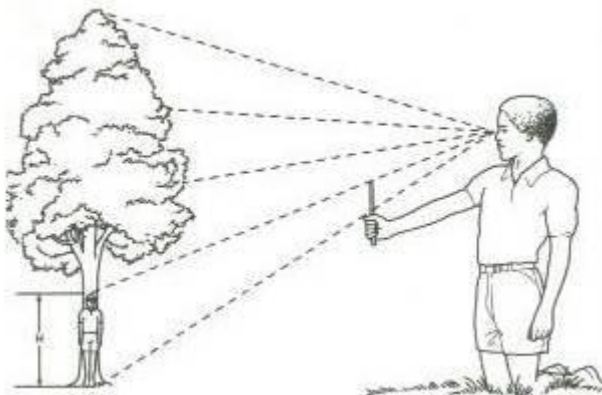
Measuring your pace or step length: The distance shown below between sidewalks by the pavilion near the splash pad to the playground area under renovation is 100ft. Walk this distance naturally, counting your steps as you go. Do this a couple of times to verify your results.



4a. Measuring the height of an object: While standing at the sidewalk by the pavilion closest to the splash pad, measure the height of the streetlight located next to the fire hydrant.

The Stick method is used to estimate the height of an object.

1. Have a friend (whose height is known) stand beside the object to be measured.
2. Hold a pencil or stick at arm's length and with one eye, move your pencil or stick up and determine the number of sticks required to cover the entire height of the object.
3. Multiply the number obtained from step 2 with the height of your friend to determine the height of the object.



Blueridge Park Orienteering Course Control Description

From	To	Bearing	Direction	Feet	Yards
CP 1	CP 2	235°	SW	320	106.67
CP 2	CP 3	136°	SE	344	114.67
CP 3	CP 4	110°	E/SE	287	95.67
CP 4	CP 5	236°	SW	610	203.33
CP 5	CP 6	80°	E	423	141
CP 6	CP 7	62°	E/NE	380	126.67
CP 7	CP 8	342°	N/NW	367	122.33
CP 8	CP 9	150°	S/SE	595	198.33
CP 9	CP 10	332°	N/NW	635	211.67
CP 10	CP 11	42°	NE	370	123.33
CP 11	CP 12	83°	E	730	243.33

Key: CP = Control Point Marker **Code:** At each marker, you'll see a 2 letter code. Keep track of the codes and see if you can figure out what makes them important!

Location	Code	What Does the Code Stand For?
CP 1		
CP 2		
CP 3		
CP 4		
CP 5		
CP 6		
CP 7		
CP 8		
CP 9		
CP 10		
CP 11		
CP 12		

4b. Demonstrate how to use a handheld GPS unit, GPS app on a smartphone, or other electronic navigation system. Use GPS to find your current location, a destination of your choice, and the route you will take to get there. Follow that route to arrive at your destination. O'Reilly Auto Parts, Jack in the Box, Walgreens and a Shell station are all about a third of a mile from the park. Dollar General is a half mile away. Eagle-eyed Scouts may spot the Jack in the Box from the park, so choosing to navigate to the O'Reilly Auto Parts store just behind it might be a better choice. *Note: There are no restroom facilities at the park, so plan accordingly. Bring your compass, a water bottle, this document, and a pen or pencil. Most importantly, have fun working on your First Class rank advancement!*