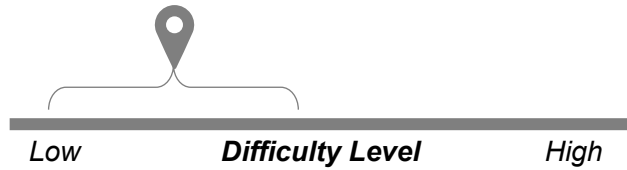




Orienteering Course # 1



Bates Allen Park

630 Charlie Roberts Ln., Kendleton, TX 77451

Fort Bend County Parks and Recreation
www.fortbendcountytexas.gov



Created by
Nikhil Kolli, Troop 1103
Texas Skies, Sam Houston Area Council
Eagle Scout Project, 2023



Bates Allen Park, Orienteering Course, Control Points



Bates Allen Park, Orienteering Course #1, 1.6 miles, Control Description Sheet

From, CP #	To, CP #	Bearing	Direction	Feet	Yards	Landmark / Notes	Verification Code*
0/ Start	1	165°	S/SE	554	184.7	Start at control point 0, next to the YMCA pavilion. Travel at a 165° bearing to reach CP #1. The distance is approximately 515 feet if walked straight or 554 feet if you walk on the paved trail.	
1	2	290°	W/NW	360	120.0	From CP #1, travel at a 290° bearing for 337 feet to reach CP #2.	
2	3	260°	W	790	263.3	To go from CP #2 to CP #3 will require 2 steps. Start at a bearing of 317° for 265 feet. Then, travel at a bearing of 240° for 525 feet to reach CP #3.	
3	4	216°	SW	630	210.0	While at CP #3, look at question #3 below. From CP #3, travel at a 216° bearing for 630 feet to reach CP #4.	
4	5	255°	W	730	243.3	Starting at CP #4, travel at a 255° bearing for 730 feet to reach CP #5.	
5	6	263°	W	715	238.3	From CP #5, travel at a 263° bearing for 715 feet to reach CP #6. If you walk on the paved trail, then the distance is approx. 845 ft.	
6	7	162°	S/SE	1000	333.3	Walk west along the paved trail for 190 feet. Then, follow the Jim Allen Nature Trail (unpaved), starting at a 155° bearing, for about 790 feet to reach CP #7.	
7	8	60°	NE	1235	411.7	Follow the Jim Allen Nature Trail in the N/NE direction for 1235 feet to get to CP #8.	
8	9	76°	E/NE	956	318.7	Walk on the paved trail E/NE to about 956 feet to reach CP #9. If you walk straight to CP #9, the distance is 890 feet.	
9	10	86°	E/NE	823	274.3	From CP #9, walk 823 feet to reach CP #10. If you walk straight from CP #9 without following the trail, then the distance is 626 feet.	
10	0/ End	33°	N/NE	790	263.3	To go from CP #10 to the end marker CP #0 will require 2 steps. Start at the farthest edge of the bridge and travel at a bearing of 80° on the paved path for 150 feet. Then, walk at a bearing of 7° for 640 feet to reach CP #0, the endpoint. Once at CP #0, look at question #2 below.	

*Validation Code: Note down the letters found on each marker. These letters will help to decode the passcode; CP: Control Point; Some of the markers will take two steps to reach, so please make sure to read the Notes column for details.

Q1. Discover the Passcode: Enter the letter code from each control point.

Control Point #	4	6	2	9	1	8	3	5	10	7
Letter Code										

Q2. Standing at Control Point #0 (Start/End), using the stick or felling method, measure the height of the streetlight which is on N/NW side of the parking lot: _____ feet.

And / or

Q3. While at CP #3, measure the width of the road: _____ feet. Use stick or compass method.

How to Measure Your Pace or Step Length: First, measure a known distance on the ground between two points. Choose a level area where you can walk straight. To keep the accuracy of your distance measurements, you need to use a distance that will require at least 20 paces.

BSA Scouts rank requirements: Orienteering courses at Bates Allen Park are designed to help scouts to complete rank requirements e.g., First Class requirement #4a. For choosing the course (difficulty level), discuss the options with your troop's Scoutmaster.