



CITY OF GULF BREEZE
SHORELINE PARK ORIENTEERING COURSE
Dept of Parks & Recreation 800 Shoreline Dr, 850-934-5140

Pace (feet per step) - _____

Leg	Direction	Distance	Number of Steps in Leg (Distance/Pace)	GPS Coordinate Latitude	GPS Coordinate Longitude	Point
1	354° mag	132 feet		N 30° 21.324'	W 87° 10.632'	
2	344° mag	127 feet		N 30° 21.345'	W 87° 10.640'	
3	315° mag	184 feet		N 30° 21.365'	W 87° 10.667'	
4	200° mag	214 feet		N 30° 21.332'	W 87° 10.680'	
5	175° mag	61 feet		N 30° 21.321'	W 87° 10.678'	
6	264° mag	341 feet		N 30° 21.309'	W 87° 10.742'	
7	353° mag	139 feet		N 30° 21.332'	W 87° 10.748'	
8	6° mag	376 feet		N 30° 21.394'	W 87° 10.743'	
9	67° mag	287 feet		N 30° 21.414'	W 87° 10.694'	
10	4° mag	434 feet		N 30° 21.485'	W 87° 10.696'	
11	93° mag	362 feet		N 30° 21.486'	W 87° 10.629'	
12	147° mag	172 feet		N 30° 21.462'	W 87° 10.609'	
13	146° mag	280 feet		N 30° 21.420'	W 87° 10.584'	
14	193° mag	46 feet		N 30° 21.413'	W 87° 10.584'	
15	148° mag	170 feet		N 30° 21.391'	W 87° 10.565'	
16	78° mag	208 feet		N 30° 21.402'	W 87° 10.527'	
17	90° mag	108 feet		N 30° 21.405'	W 87° 10.506'	
18	128° mag	158 feet		N 30° 21.391'	W 87° 10.480'	
19	171° mag	149 feet		N 30° 21.367'	W 87° 10.475'	
20	157° mag	328 feet		N 30° 21.315'	W 87° 10.452'	
21	240° mag	143 feet		N 30° 21.302'	W 87° 10.475'	
22	81° mag	420 feet		N 30° 21.315'	W 87° 10.399'	
23	325° mag	108 feet		N 30° 21.330'	W 87° 10.410'	
24	80° mag	213 feet		N 30° 21.338'	W 87° 10.371'	
25	139° mag	101 feet		N 30° 21.325'	W 87° 10.358'	
26	82° mag	190 feet		N 30° 21.331'	W 87° 10.323'	
27	360° mag	380 feet		N 30° 21.393'	W 87° 10.326'	
28	270° mag	545 feet		N 30° 21.389'	W 87° 10.430'	
29	278° mag	259 feet		N 30° 21.391'	W 87° 10.480'	
30	171° mag	149 feet		N 30° 21.367'	W 87° 10.475'	
31	157° mag	328 feet		N 30° 21.315'	W 87° 10.452'	
32	240° mag	143 feet		N 30° 21.302'	W 87° 10.475'	
33	265° mag	333 feet		N 30° 21.292'	W 87° 10.538'	
34	343° mag	74 feet		N 30° 21.303'	W 87° 10.540'	
35	297° mag	140 feet		N 30° 21.314'	W 87° 10.565'	
36	258° mag	328 feet		N 30° 21.303'	W 87° 10.627'	

INSTRUCTIONS AND RULES

- 1) Course begins and ends at control point N (at course sign)
- 2) Course is 1.54 miles long
- 3) Course has 36 contact points (4 of the markers are used twice)
- 4) Course may be navigated with a compass and bearing (Direction and Distance columns) or with GPS coordinates.
- 5) Calculate your pace (number of feet per step):
 - a) Start at control point N
 - b) Test Point is 100 feet from point N at bearing 74° mag
OR at GPS coordinates N 30° 21.309' W 87° 10.607'
 - c) Count number of steps between Point N and the Test Point
 - d) Divide 100 by the number of steps counted – this is your pace
(Example: 40 steps are counted between Point N and the Test Point. Calculate 100 divided by 40 which comes a pace of 2.5 feet per step)
- 6) Calculate the number of steps in each leg of the course by dividing the number of feet in the leg by your pace calculation
(Example: Leg 1 of the course is 132 feet. Using the Pace example of 2.5 feet per step, calculate 132 divided by 2.5 which comes to 53 steps in Leg 1)
- 7) No alcohol or pets allowed in the park
- 8) Please be aware of surroundings, especially when crossing roadways and parking lots
- 9) Please be cautious of snakes and other natural inhabitants
- 10) Please be cautious of other park guests and disk golf players

Eagle Scout Service Project

Michael Mallette

MM/DD/2018

Boy Scouts of America Troop 11

Gulf Breeze Presbyterian Church, Gulf Breeze, FL



ANSWER KEY

Leg	Direction	Distance	GPS Coordinate Latitude	GPS Coordinate Longitude	Point
1	354° mag	132 feet	N 30° 21.324'	W 87° 10.632'	J
2	344° mag	127 feet	N 30° 21.345'	W 87° 10.640'	E
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4	200° mag	214 feet	N 30° 21.332'	W 87° 10.680'	6
5	175° mag	61 feet	N 30° 21.321'	W 87° 10.678'	U
6	264° mag	341 feet	N 30° 21.309'	W 87° 10.742'	A
7	353° mag	139 feet	N 30° 21.332'	W 87° 10.748'	R
8	6° mag	376 feet	N 30° 21.394'	W 87° 10.743'	K
9	67° mag	287 feet	N 30° 21.414'	W 87° 10.694'	D
10	4° mag	434 feet	N 30° 21.485'	W 87° 10.696'	Q
11	93° mag	362 feet	N 30° 21.486'	W 87° 10.629'	C
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13	146° mag	280 feet	N 30° 21.420'	W 87° 10.584'	B
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20	157° mag	328 feet	N 30° 21.315'	W 87° 10.452'	9
21	240° mag	143 feet	N 30° 21.302'	W 87° 10.475'	8
22	81° mag	420 feet	N 30° 21.315'	W 87° 10.399'	4
23	325° mag	108 feet	N 30° 21.330'	W 87° 10.410'	5
24	80° mag	213 feet	N 30° 21.338'	W 87° 10.371'	W
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26	82° mag	190 feet	N 30° 21.331'	W 87° 10.323'	2
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34	343° mag	74 feet	N 30° 21.303'	W 87° 10.540'	L
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