

**Leaders Instructions and Guide
Tuckahoe State Park
Score Orienteering Course**

Leaders: Your packet for your group should include maps and scorecards for each team in your group, a Leaders Coordinate Guide with the GPS Coordinates, Marker Value and correct letter for each Marker Post. The course can also be run as a GPS oriented event. Score sheets for that type event are available as well from the office.

The Course is spread out across the developed areas of the Cherry Lane section of the park. The farthest point is almost one mile from the start (by the Lake Trail Bridge). The scorecards have the Control Marker number as well as the point value and a unique clue that should help guide the competitor with the map to the marker.

Score Orienteering (unlike traditional cross country orienteering) is a map-based scavenger type hunt where teams review the map and determine which control markers they want to capture in the allotted time frame. No compass work is required after the map is oriented. Markers located farther from the start are worth more than those that are close to the start. We recommend a rule be that team members must remain together at all times during the event.

1. All teams/participants have one hour to complete the course and return to the starting point (Or whatever time frame the group leader announces).
2. When a team "captures" the control marker, they record the letter from the post on their score sheet and continue to locate other markers until returning to the scoring area in the allotted time.
3. The team/participant with the most correct points at the end of the hour wins!!
4. For every 5 minutes exceeding the time limit that team will be deducted 5 points from their final score.
5. Participants should not travel through occupied campsites and should be respectful of other park visitors.
6. All control marks are located on Tuckahoe State Park property.
7. A Bonus Question using the captured letters is worth 10 additional points. You can offer the bonus question to all groups or use it as a tie breaker.

At the end of the competition, the leaders will collect the scorecards, check for the correct letters and score the sheets accordingly. The team with the highest score (after corrections for wrong/missing letters and time infractions) is the winner.

BONUS QUESTION: Using all the letters captured on the course including the starter post by the Bulletin Board, write two Native American Indian Tribe names that were known to inhabit the Upper Shore Area. Both tribes have rivers named after them.
ANSWER: CHOPTANK and SUSQUEHANNOCK

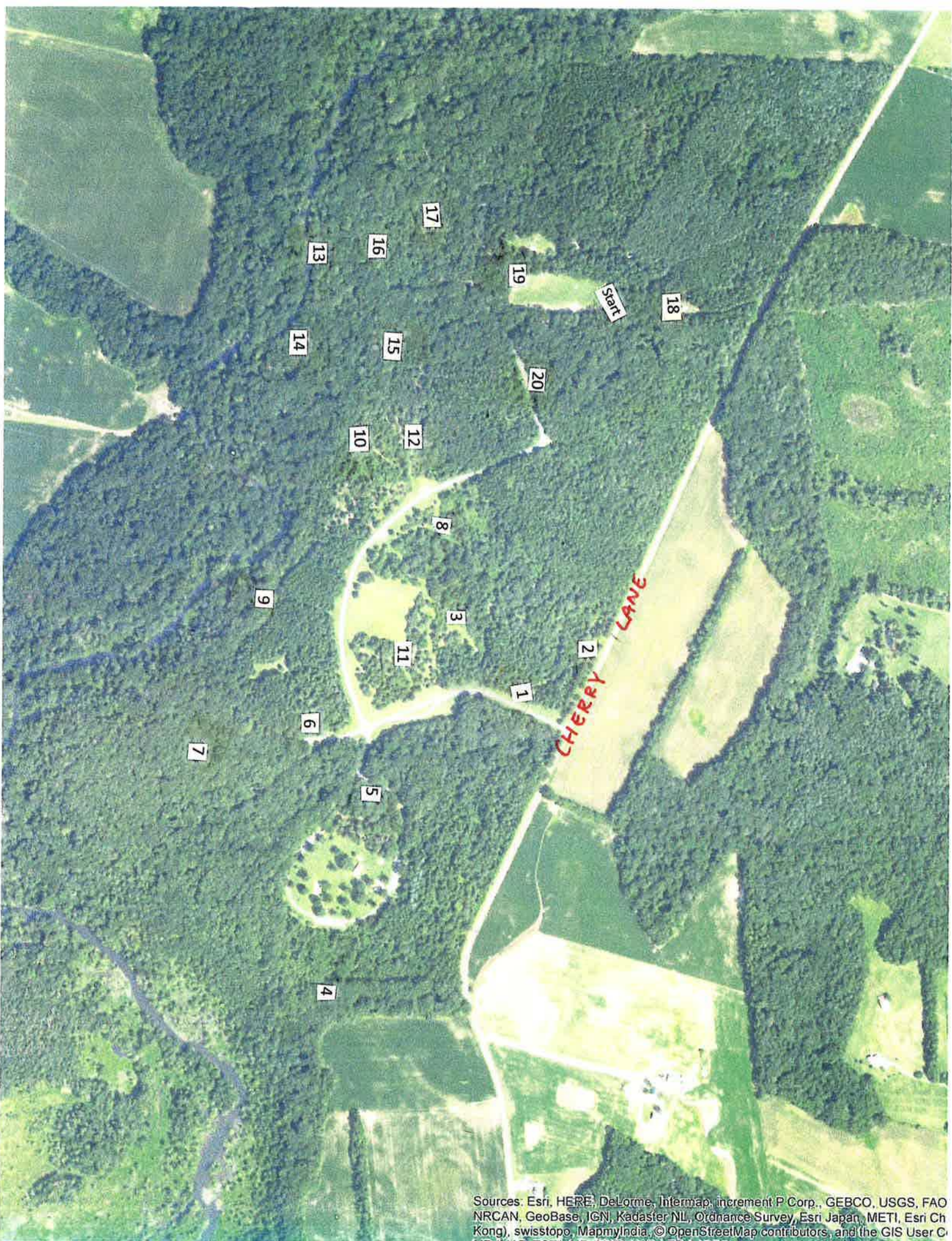
Competitors should be aware that poison ivy does grow in the area and they should be watchful for that. Insect repellent is recommended as well for ticks and flies, etc.

GPS Coordinates for Score Orienteering Course Challenge

Post Number	Post Scoring Letter	Point Value	Control Marker Post Location Clue	Post Coordinates
START	S	0		
1		4	Tee Off?	38° 58.688 075 55.819
2		10	Ducks a Nesting	38° 58.730 075° 55.734
3		6	Finish a Dozen?	38° 58.742 075° 55.887
4		15	Connector Trail Bridge	38° 58.421 075° 56.053
5		6	Picnicking Time!	38° 58.590 075° 55.964
6		4	Firewood for sale	38° 58.649 075° 56.018
7		4	Shower time?	38° 58.628 075° 56.148
8		5	Just a 17 throw away	38° 58.811 075° 55.888
9		4	Think Fire!	38° 58.775 075° 56.080
10		4	Lore of the land?	38° 58.893 075° 55.988
11		4	Home Run?	38° 58.719 075° 55.936
12		6	Land of the Cactus	38° 58.897 075° 55.942
13		5	Launch Pad!	38° 59.016 075° 56.027
14		6	Deep in the swamp?	38° 58.971 075° 56.068
15		5	Watch for the troll!	38° 58.992 075° 55.962
16		4	Prepare to Launch	38° 59.055 075° 55.985
17		3	Ah, Relief!	38° 59.066 075° 55.906
18		2	Tall and Blue	38° 59 002 075° 55.654
19		1	Something's Burning	38° 59.029 075° 55.812
20		2	Hook me up!	38° 58.940 075° 55.822

Leaders Coordinate Guide for Score Orienteering Course

Post Number	Post Scoring Letter	Control Marker Post Location	Post Coordinates
1	O	Disc Golf Tee Box #9	38° 58.688 075° 55.819
2	P	Cherry Lane Duck Box E	38° 58.730 075° 55.734
3	U	Disc Golf Goal #12	38° 58.742 075° 55.887
4	Q	Lake Trail Bridge	38° 58.421 075° 56.053
5	S	Cherry Lane Woods Point	38° 58.590 075° 55.964
6	C	Camp Store	38° 58.649 075° 56.018
7	O	A-Loop Bathhouse	38° 58.628 075° 56.148
8	H	Disc Golf Tee Box #17	38° 58.811 075° 55.888
9	T	Campfire ring	38° 58.775 075° 56.080
10	A	Bicentennial Stone	38° 58.893 075° 55.988
11	A	Tee Box #4	38° 58.719 075° 55.936
12	H	Prickly Pear	38° 58.897 075° 55.942
13	K	Canoe Launch	38° 59.016 075° 56.027
14	N	Lore of the land trail	38° 58.971 075° 56.068
15	U	Lore of the land bridge	38° 58.992 075° 55.962
16	E	Canoe Trail	38° 59.055 075° 55.985
17	N	B-Loop Bathhouse	38° 59.066 075° 55.906
18	C	Water Tower	38° 59 002 075° 55.654
19	K	YG Fire Ring	38° 59.029 075° 55.812
20	N	Fire Hydrant	38° 58.940 075° 55.822



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri Ch Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User C