



ORIENTEERING COURSE



ORIENTEERING BASICS:

Orienteering is the sport of navigation to different points given a compass heading and distance.

Here at Lincoln Memorial Garden each control point of the course has a small marker (although they may sometimes be missing). To complete the course, you will need a compass (physical or on a smartphone) and this pamphlet (digital or printed).

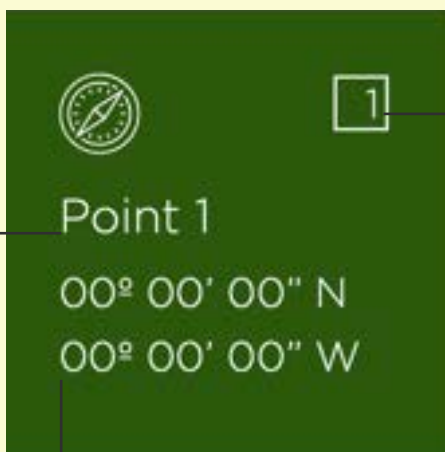
If this is your first time using a compass for orienteering (or you need a refresher), please scan the QR code and view the attached video.



CONTROL POINT MARKERS:

Course Number

Point Number



Longitude/Latitude of the Point

A system that can be used to pinpoint any location on Earth.



COURSE DESCRIPTIONS:

Course one is a short, introductory orienteering course. This course is designed to be a learning experience for new orienteers. This course is located within the Ostermeier Prairie Center.

Course two is a longer, intermediate orienteering course. This course is designed to be a longer experience for more experienced orienteers and is in accordance with Scouts BSA requirements. This course can be paired with course three for a longer experience. This course begins at the Nature Center.

Course three is a longer, intermediate orienteering course. This course is designed to be a longer experience for more experienced orienteers and is in accordance with Scouts BSA requirements. This course can be paired with course two for a longer experience. This course begins at the large map structure near the entrance.



COURSE 1

Begin at the front door of the Prairie Center building.

39°41'39"N 89°36'14"W

1. Walk 125 Feet at 90° East

39°41'39"N 89°36'11"W

Illinois was formerly home to 37 million acres of prairie which, due to development and destruction, has dwindled to 2,000 acres today. The Ostermeier Prairie Center is one of a few remaining natural prairies in Illinois.

2. Walk 296 Feet at 159° Southeast

39°41'37"N 89°36'10"W

3. Walk 133 Feet at 218° Southwest

39°41'36"N 89°36'11"W

The prairie center is home to a variety of ecosystems including Mesic Prairies, Savannas, Wetland Prairies, and Meadows, helping to show the original wildlife of Illinois.



COURSE 1 (CONTINUED)

4. Walk 147 Feet at 323° Northwest

39°41'37"N 89°36'12"W

The prairie center was originally the Ostermeier Family Farm, which was acquired in 1995 and slowly transformed into a restoration prairie following the tireless work of volunteers and EPA student interns.

5. Walk 248 Feet 293° Northwest

39°41'37"N 89°36'16"W

6. Walk 145 Feet 217° Southwest

39°41'39"N 89°36'11"W

Looking for Lincoln is a program highlighting the impact of Abraham Lincoln across the landscape of Illinois at various historical sites. This structure helps to illustrate the history of Lincoln's Landscape.

7. Walk 236 Feet at 237° Southwest

39°41'36"N 89°36'21"W

8. Walk 270 Feet at 270° West

39°41'37"N 89°36'10"W



COURSE 1 (CONTINUED)

9. Walk 449 Feet at 349° Northwest

39°41'40"N 89°36'22"W

Reminiscent of Jens Jensen's original plans for council rings throughout nature, this different variety of council ring is able to serve as an observation area for the prairie that envelops the area.

10. Walk 397 Feet at 349° Northeast

39°41'44"N 89°36'23"W

11. Walk 167 Feet at 58° Southeast

39°41'45"N 89°36'21"W

12. Walk 716 Feet at 123° Northwest

39°41'42"N 89°36'15"W

In the prairies of Lincoln Memorial Garden, the two major tall grass varieties include Big Bluestem and Indiangrass. These two resilient species are able to grow up to 8 feet and 7 feet, respectively. These grasses are fantastic natural erosion barriers and are able to withstand drought due to their extensive root systems, which can reach almost 9 feet deep!



COURSE 1 (CONTINUED)

13. Walk 348 Feet at 165° Southeast

39°41'39"N 89°36'14"W



COURSE 2

Begin at the door of the Nature Center

39°41'48"N 89°35'52"W

1. Walk 125 Feet at 40° North

39°41'49"N 89°35'52"W

The nature center, constructed in 1965, was a project of many volunteers and donors, including Mrs. Myrtle Walgreen, friend of Harriet Knudson and the wife of Charles Walgreen, the founder of Walgreen's Drug. Today, it is home to offices, the Split Rail gift shop and the Discovery Room, which includes interactive exhibits for students.

2. Walk 210 Feet at 90° East

39°41'49"N 89°35'49"W

3. Walk 295 Feet at 57° Northeast

39°41'50"N 89°35'47"W



COURSE 2 (CONTINUED)

4. Walk 211 Feet 27° Northeast

39°41'53"N 89°35'45"W

5. Walk 204 Feet at 339° Northwest

39°41'55"N 89°35'46"W

6. Walk 246 Feet at 294° Northwest

39°41'56"N 89°35'49"W

Council Ring 4 (also known as the Lincoln Council Ring), is the largest in the garden, and serves as Jens Jensen's tribute to Lincoln. The ring is surrounded by mature oak trees and opens into the broad expanse of Lake Springfield and the open sky above. This ever-popular spot is host to many gatherings including weddings.

Walk along the council ring wall in a counter-clockwise direction for 78 feet.

7. Walk 277 Feet at 90° East

39°41'59"N 89°35'50"W

8. Walk 104 Feet at 21° Northeast

39°41'59"N 89°35'49"W



COURSE 2 (CONTINUED)



9. Walk 323 Feet at 38° Northeast

39°42'03"N 89°35'47"W

10. Walk 260 Feet at 0° North

39°42'05"N 89°35'45"W

The Bald Cypress trees located along the waterline act as natural erosion barriers and natural filters for pollutants, making them an important wetland feature.

11. Walk 296 Feet at 90° East

39°42'05"N 89°35'44"W

12. Walk 232 Feet at 159° Southeast

39°42'03"N 89°35'43"W

Jesse Knotts was a former president of the Garden Club of Illinois and was instrumental in helping to approve Lincoln Memorial Garden. She helped to orchestrate garden clubs sponsoring different trails and areas of the garden, as commemorated by the benches in each area.



COURSE 2 (CONTINUED)

13. Walk 65 Feet at 90° East

39°42'03"N 89°35'42"W

14. Walk 414 Feet at 0° North

39°42'07"N 89°35'42"W

15. Walk 117 Feet at 90° East

39°42'07"N 89°35'41"W

16. Walk 588 Feet at 100° Southeast

39°42'06"N 89°35'34"W

17. Walk 169 Feet at 180° South

39°42'04"N 89°35'34"W



COURSE 2 (CONTINUED)

18. Walk 113 Feet at 180° South

39°42'03"N 89°35'34"W

The northernmost of the three original entrances was designed by Jens Jensen to incorporate two granite boulders. He stated, "I am thinking about an entrance - a simple place - no imperialistic gateway... Beautiful granite[sic] boulders that have been shaped by the great forces of nature driving thousands of years." These boulders were found in Graniteville, Missouri, and were transported by two small trucks, each carrying one boulder at a time.

19. Walk 344 Feet at 225° Southwest

39°42'00"N 89°35'38"W

20. Walk 143 Feet at 217° Southwest

39°41'53"N 89°35'45"W

21. Walk 213 Feet at 201° Southwest

39°41'55"N 89°35'46"W

22. Walk 432 Feet at 226° Southwest

39°41'56"N 89°35'49"W



COURSE 2 (CONTINUED)

23. Walk 156 Feet at 218° Southwest

39°41'59"N 89°35'50"W

The White Oak tree is the state tree of Illinois. The trees at Lincoln Memorial Garden were planted from acorns sent from twenty-eight different states and many different civic groups.

24. Walk 229 Feet at 229° Southwest

39°41'59"N 89°35'49"W

25. Walk 143 Feet at 217° Southwest

39°41'53"N 89°35'45"W

End of Course Two - Course Three begins in the same place.





COURSE 3

Begin to the right side of the Map Structure near the entrance on the marker for Course 2, Point 25.

39°41'50"N 89°35'49"W

1. Walk 43 Feet at 333° Northwest

39°41'50"N 89°35'49"W

2. Walk 254 Feet at 302° Northwest

39°41'53"N 89°35'51"W

3. Walk 264 Feet at 303° Northwest

39°41'54"N 89°35'53"W



COURSE 3 (CONTINUED)

4. Walk 94 Feet at 218° Southwest

39°41'54"N 89°35'54"W

Take two steps into the middle of the trail

5. Walk 357 Feet at 357° Northwest

39°41'52"N 89°35'56"W

6. Walk 225 Feet at 180°

39°41'49"N 89°35'58"W

7. Walk 164 Feet at 143°

39°41'48"N 89°35'58"W

8. Walk 131 Feet at 160°

39°41'47"N 89°35'57"W



COURSE 3 (CONTINUED)

9. Walk 105 Feet at 201° Southwest

39°41'46"N 89°35'58"W

10. Walk 223 Feet at 270° West

39°41'44"N 89°35'59"W

11. Walk 53 Feet at 321° Northwest

39°41'44"N 89°35'00"W

12. Walk 193 Feet at 122° Southeast

39°41'45"N 89°36'01"W

13. Walk 165 Feet at 290° Northwest

39°41'44"N 89°36'03"W

The 70-foot long Walgreen Bridge was originally a former wooden bridge, funded by Charles Walgreen, the founder of Walgreen's Drug, as a gift to his wife, Myrtle. After standing for over 76 years, it had deteriorated to the point where it needed replacement. The bridge was replaced in 2017 to be more durable and last a longer time.



COURSE 3 (CONTINUED)



14. Walk 356 Feet at 0° North

39°41'46"N 89°36'06"W

15. Walk 92 Feet at 180° South

39°41'47"N 89°36'06"W

This massive Chinquapin Oak overlooking the lake has stood witness to Springfield, even before the signing of the constitution. The tree is commemorated by a plaque from the National Arborist Association and the International Society of Arboriculture. The tree, unfortunately, has not leafed out since 2018 and has been limbed to prevent future damage to the surrounding area.

16. Walk 72 Feet at 216° Southwest

39°42'46"N 89°36'06"W



COURSE 3 (CONTINUED)

17. Walk 195 Feet at 201° Southwest

39°41'45"N 89°36'07"W

18. Walk 191 Feet at 210° Southwest

39°41'43"N 89°36'08"W

19. Walk 168 Feet at 143° Southeast

39°41'42"N 89°36'07"W

20. Walk 119 Feet at 123° Southeast

39°41'41"N 89°36'06"W

21. Walk 221 Feet at 141° Southeast

39°41'40"N 89°36'04"W



COURSE 3 (CONTINUED)

22. Walk 95 Feet at 120° Southeast

39°41'39"N 89°36'03"W

23. Walk 291 Feet at 57° Northeast

39°41'40"N 89°36'01"W

24. Walk 184 Feet at 38° Northeast

39°41'42"N 89°36'00"W

25. Walk 176 Feet at 38° Northeast

39°41'43"N 89°35'58"W



COURSE 3 (CONTINUED)

26. Walk 147 Feet at 37° Northeast

39°41'44"N 89°35'57"W

27. Walk 234 Feet at 37° Northeast

39°41'45"N 89°35'55"W

28. Walk 155 Feet at 38° Northeast

39°41'46"N 89°35'54"W

29. Walk 109 Feet at 0° North

39°41'48"N 89°35'54"W



HISTORY

Lincoln Memorial Garden is the culmination of a local effort to create a living memorial to Abraham Lincoln. Harriet Knudson, a Springfield Civic Leader, championed the project into fruition working with many local donors, youth organizations and garden clubs across the United States. She enlisted Jens Jensen, a world-renowned Swedish landscape architect to design the park. He designed a garden of native species and carefully placed council rings to create a natural retreat. These native species were planted by many volunteers including women from the community and local scouting organizations, who planted 42 kinds of trees, 23 kinds of shrubs and 11 varieties of wildflowers. The garden opened on October 4, 1938, and was later expanded in 1995 to include the Ostermeier Prairie Center, followed by the addition of the Cawley Meadow in 2000.



SPECIAL THANKS TO:

- Lincoln Memorial Garden
- Illinois Power Equipment
- Perry Broughton Trucking Inc.
- Sentinel Pest Control
- Hanson Professional Engineering Inc
- Scouts BSA Troop 13
- Scouts BSA Troop 1300
- The Beck Family
- The Gaffigan Family
- The Grundel Family
- The Heyen Family
- The Hockenyos Family
- The Stack Family
- The Vose Family



This orienteering course is the Eagle Scout Project of Luke Hockenyos

