

Schuylkill Center for Environmental Education

Philadelphia, Philadelphia County, Pennsylvania

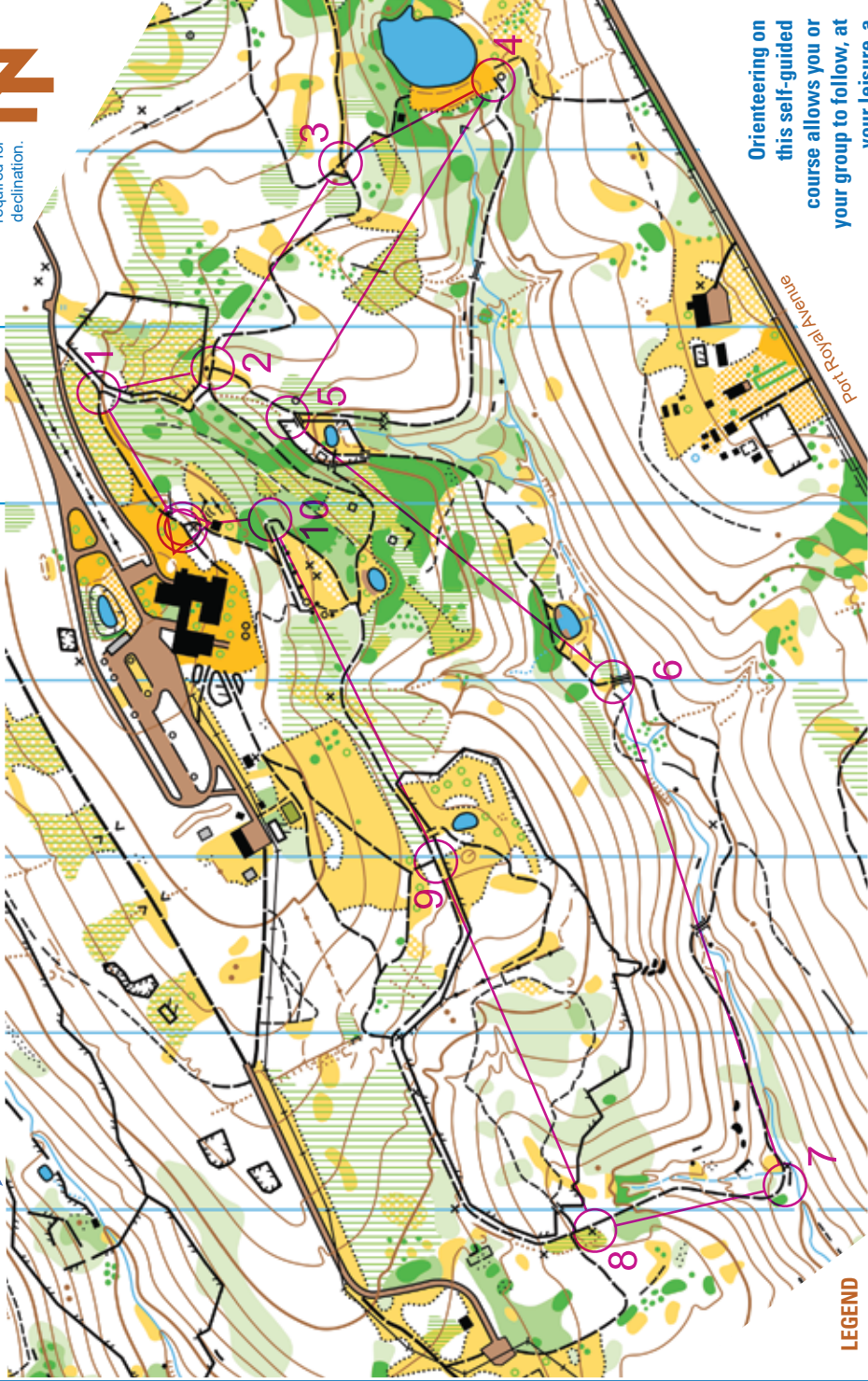


SCALE **1:5000** | CONTOURS **5 meters**

0 meters 125



Blue meridian lines point to Magnetic North. No correction required for declination.



LEGEND

- | | | | |
|--|------------------------------|--|---------------------------------|
| | paved road | | gully, dry ditch |
| | pavement, gravel | | small knoll, depression |
| | dirt road | | pit, broken ground |
| | vehicle trail | | earth bank |
| | large foot path | | earth wall |
| | small foot path | | ruined earth wall |
| | indistinct path | | rootstock*, charcoal terrace* |
| | narrow ride | | stream: wide, small |
| | stone wall | | small pond |
| | ruined stone wall | | spring, waterhole, well |
| | fence | | lake, uncrossable river |
| | ruined fence | | intermittent stream |
| | uncrossable fence w/ gate | | narrow marsh |
| | power line | | marsh, diffuse marsh |
| | building | | open land, rough open |
| | ruin | | open with scattered trees |
| | hunter's stand, misc. object | | rough open with scattered trees |
| | cairn, rocky pit, tower | | vegetation: forest, slow run |
| | boulder: small, large | | vegetation: walk, fight |
| | passable cliff | | undergrowth: slow run, walk |
| | impassable cliff | | distinct vegetation boundary |
| | boulder field, stony ground | | cultivated land, settlement |
| | contours, form line | | distinct tree |

* not an IOF symbol

Orienteering on this self-guided course allows you or your group to follow, at your leisure, a permanently marked route as an introduction to the sport. After completing this course, please try one of our local weekend events for a complete orienteering experience!



Delaware Valley Orienteering Association

14 Lake Drive, Spring City, PA 19475

frankdvoa@aol.com, 610.792.0502

www.dvoa.org

Basemap: Eddie Bergeron
 Fieldwork & Drafting: 2007, Vladimir Zherdev (Russia)
 Map Revisions: 2015, Wyatt Riley, 2023, Bob Agosta
 Permanent Course Design: Sandy Ahlswede
 Course Installation: 2023, Bob Agosta, Don Miller (Sierra Club)

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Map scale is accurate when printed on an 8 1/2" x 11" sheet size.

Schuylkill Center for Environmental Education Permanent Orienteering Course Control Sheet						
Beginner Course		2.2 km distance (1.37 miles)			115m climb (377 feet)	
Control # / Letter Code		Control Descriptions			Control Descriptions (Text)	
▷	S/F	↗	↘	Y	Start Triangle Trail / Trail Junction	
1		↗	↘	Y	Trail / Trail Junction	
2		↗	↘	Y	Trail / Trail Junction	
3		↗	↘	X	Trail / Trail Crossing	
4		↗	◇	Y	Trail / Open Land Junction	
5		↗	⊥		Fence Gate	
6		↗		○	Bridge, North Side	
7		↗		⊥	Stone Wall, West End	
8		X		○	Man-Made Object, South Side	
9		↗	↘	Y	Trail / Trail Junction	
10		↗		<	Trail Bend	
⊗		100m (330 feet) to Finish			⊗	

Scouts BSA:

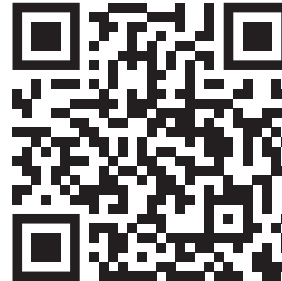
Scouts who need an orienteering course to complete First Class requirement 4a may use this course to fulfill this requirement.

(Note: to complete requirement 4a, you must also demonstrate measuring distance.)

To check control letter codes, mail a copy of your noted course control sheet to: DVOA, 14 Lake Drive, Spring City, PA 19475. Please include your phone, email, or mailing address for a reply.

After completing this course, please try one of our local weekend events for a complete orienteering experience!

Funding for this permanent orienteering course at the Schuylkill Center for Environmental Education was generously provided by the Delaware Valley Orienteering Association and Sierra Club Philadelphia ICO.



Name _____

Mailing Address _____

Email _____

Phone _____

Date Course Completed _____

Start Time: _____

End Time: _____



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ORIENTEERING - What is it?

Orienteering is a sport of Scandinavian origin. The game's objective is to locate fairly easy-to-find markers in the woods with the aid of a map and, if you like, a compass. The challenge of orienteering results from participants' not knowing ahead of time the markers' locations. The test lies in determining the best routes between these locations and, in the sport's competitive form, in finding all these points (called controls) in the least possible time. At its best, not only does orienteering improve your knowledge of geography and practical navigation, it enhances physical and mental fitness as well.

Orienteering is a sport for people of all ages, abilities, and gender. Participants can travel alone or in groups, running or strolling, to win the contest or merely to savor nature's beauty, which, as any orienteer will attest, is winning itself. The sport provides excellent family fare.



INFORMATION

The Schuylkill Center for Environmental Education (SCEE) was founded in 1965. It is one of the first urban environmental education centers in the country. Envisioning an "island of green" where city dwellers can experience the natural world. Sisters, Eleanor Houston Smith and Margaret Houston Meigs, along with their families, donated the extensive parcels of farmland and woods that make up the Center's grounds today. As the founders intended, the Center is used by thousands of people each year to discover, explore, and study nature.

For more information about SCEE and its programs, please contact: Schuylkill Center for Environmental Education, 8480 Hagys Mill Road, Philadelphia, PA 19128. Phone: 215.482.7300. Email: scee@schuylkillcenter.org

For information about local orienteering events, other area permanent courses, and club membership in eastern Pennsylvania, southern New Jersey, and Delaware, or for copies of this and other orienteering maps, please contact:

Delaware Valley Orienteering Association (DVOA),
14 Lake Drive, Spring City, PA 19475, 610.792.0502,
frankdvoa@aol.com, or visit our web site at
www.dvoa.org.

Congratulations and thank you for participating!

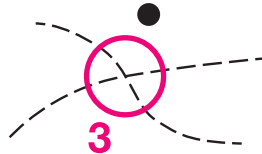
INSTRUCTIONS

1. This permanent orienteering course is a beginner level course. Reference the course control sheet for course distance and total course climb. The course begins near the Education Center, indicated on the map with a triangle symbol. The course ends in an open area at the Education Center, indicated on the map with a double circle symbol.
2. Familiarize yourself with the map before you begin. For those wishing to shorten the course, from control 5, take the route to control 10 and back to the finish.

NOTE: Familiarization with the map relative to the fields, roads, and features shown is easier if you hold the map flat in front of you and rotate it until it is "oriented" to the terrain. Magnetic North lines will help if you have a compass, but you will find that the map is detailed enough that you may not need one on this course.

3. Set out to visit the controls in the sequence outlined on the map starting at the start triangle and proceeding towards control #1. Upon reaching each control, record, on the course control sheet provided, the letter code shown on the marker post placard (see illustrations to the right). You may also want to time yourself from start to finish.

As an example, consider an imaginary control #3, marked on the map as shown below:



Referring to the map legend, you note that the control location, the point at the center of the circle, seems to be crossing between two paths. To confirm the terrain feature on which the control is located, look at the description and feature symbols provided on the sample control sheet shown below.

Permanent Orienteering Course Control Sheet		
Short Course	2.2 km distance (1.4 miles)	27m climb (90 feet)
Control # / Letter Code	Control Descriptions	Control Descriptions (Text)
▷	■	Start Triangle Building (Park Office)
1	↘ ↙	Road Junction
2	▲ 1.7	Boulder, 1.7m Height, North Side
3	↘ ↙	Trail Junction

Suppose, after a fairly challenging and satisfying amount of navigation, you finally arrive at the vicinity of control #3. To your delight, you sight it precisely where it should be: at the foot path junction.



Take a closer look; you will notice the control number and letter code on the marker post placard.



By recording the letter code in the appropriate box on the control sheet, you provide proof of your visit to the control for later verification.

2	A	▲	
3	H	↘	↙

That's it! You're off to your next control, and so on to the finish.



SAFETY NOTES

At the pace of a slow stroll, the course at SCEE can ordinarily be completed within 60-75 minutes. It is wise to take this into consideration, especially when setting off towards dusk.

On the remote chance you become hopelessly disoriented, make your way north to the Center entrance road or south to Port Royal Avenue. Remember that the sun rises in the east and sets in the west.

Some areas of the park may be hazardous. We told the Park Rangers we would remind you that you are responsible for you and your groups' safety.

