Neighbourhood Map & Course Creation (2025)

Create an orienteering course for a TNT in your neighbourhood or a park near you!

Use the OpenOrienteeringMap (oomap) website (<u>oomap.dna-software.co.uk</u>) to create a map of your neighbourhood with minimum effort! Here's how:

- 1. Open the website <u>oomap.dna-software.co.uk</u>
- 2. Dismiss the splash-screen (or follow the links to learn more about the oomap)
- 3. Scroll and zoom to Calgary and your neighbourhood
- 4. From the top of the screen choose
 - a. The style of map. PseudoO gives you the map that looks most like a real O map, but sometimes depending on your area and course one of the other options works better.
 - b. The scale. 10000 may give the best size of map for letter size paper and is generally appropriate for the level of detail available
 - c. The paper size ("Sheet"): Letter is the best pick, but A4 would fit on legal size paper if you want a slightly longer and narrower print-out
 - d. The orientation (landscape or portrait).
 - e. Contours. Select the GLO-30 5m contours button
 - f. Course type Score or Linear (point-to-point). See MapRun notes below if setting a Score course.
- 5. Click on the part of your neighbourhood that you want to be the <u>centre</u> of the map. A blue dot will appear at the centre of your map. You can drag the blue dot with the mouse to adjust its position.
- 6. Create your course.
- 7. Click on the map where you want to place a control. The "Control Options" pop-up box will appear. Select whether you want to place a control, start/finish, crossing point or "x" (do not cross) symbol. You can drag the symbol with the mouse once it is placed on the map to adjust its location. Double clicking will bring up the "Control Options"

"Control Options" box. You can change the placement of the control number or the orientation of the crossing point. For controls you can also change the number shown on the map (for example if you want to use control codes for a score course), give it a score value (for a score course) and add a textual description (eg "trail junction"). Another way to edit your controls





is to go to the Control Description shown on the right side of the screen. Clicking the edit (pencil) icon next to a control will bring up the Control Options box for that control. To re-order controls you can drag the description in the Control Description box.

- 8. Name your map (click on the pencil icon to the right of "OpenOrienteeringMap" on the right side of the screen
- 9. Add your Event Date
- 10. Choose "Foothills" as the club to add a small logo to your map
- 11. Add any event-specific notes under "Race Instructions". These will appear at the top of the Control Description sheet
- 12. Click on "Rendering Options" (top right corner of the screen) to show or hide certain features eg powerlines to improve legibility if necessary. It is also possible to make school yards either out-of-bounds or not.
- Save, get the pdf (top right corner of the screen). Note you also have to print the "clues" (control description) separately
- 14. Once you have saved the pdf you can export the KMZ and KLM files needed for MapRun (top right corner of the screen)

If you want to edit a map that you have previously

created you can find it by copying the Map ID at the bottom right hand corner of the pdf and pasting it into the Map ID box at the top of the screen.

Fine Tuning Your Map with mapping/course setting software

If you want to make your map fancy or make edits to the map generated by oomap, you can import it into mapping software such as Open Orienteering Mapper and from there into course setting software. There is a link to some <u>instructions</u> on the oomap website.

Notes on MapRun

Score-O

If you are doing a score-O, there are pre-designed scoring schemes available in <u>MapRun</u>. You will need to number your controls and set the points according to the scheme you choose. Refer to the <u>table</u> in the MapRun website. You can detail the scoring system, penalty points and time limit in your Race Instructions (see#11 above)

Congratulations, you just created your first course!

