

Map Puzzles

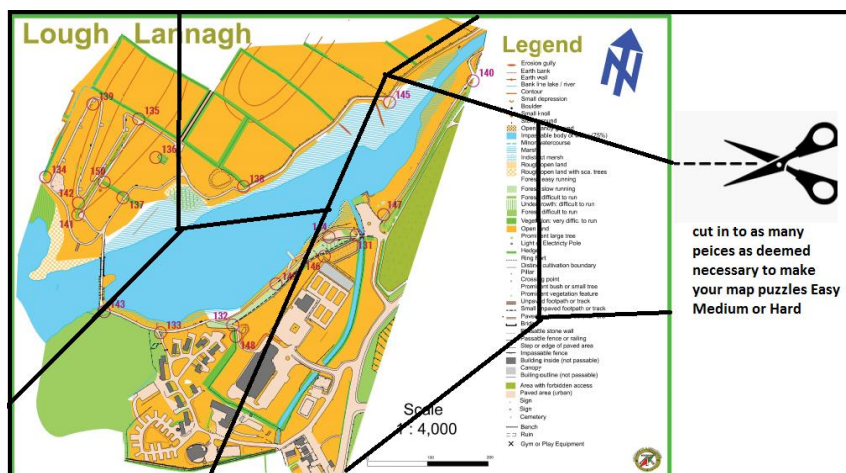
Map puzzles are a fun way to introduce what orienteering maps look like and how to recognise the different features on a map such as legend, scale, the north arrow and all the symbols on the map such as open land, buildings, fences, walls tree etc. They are essentially homemade map jigsaws for your students. The more you cut up the map the harder it will be to put it back together.

Print off the maps attached to the bottom of this document and laminate them. Then cut them up in to as many or as little pieces as you feel necessary to suit your class and your students ages. Laminate all before cutting, store in separate bags/pile and be careful not to mix up puzzles. Ensure you students keep them separate too for easy use again.

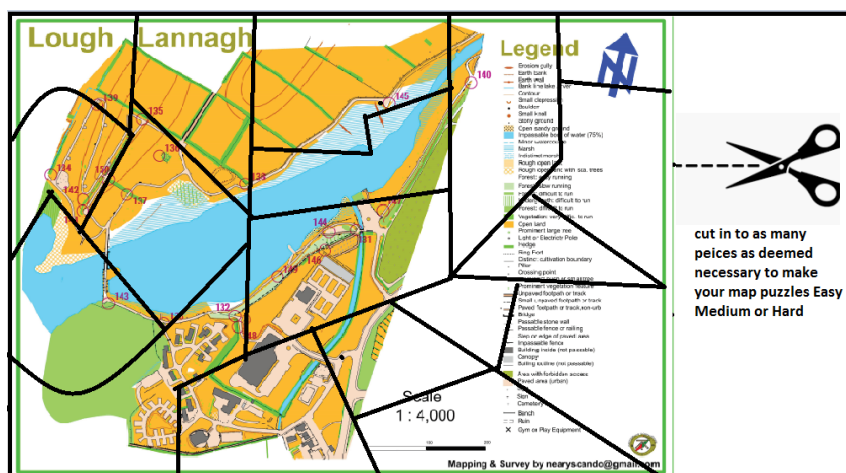
As your class puts the maps back together use this time to get them to pick out feature on the map (building, open land, hard paved area etc) and what symbols are used to identify each feature. Question them as much as possible.

Split your class in to groups of 3-4 participants

Easy



Hard

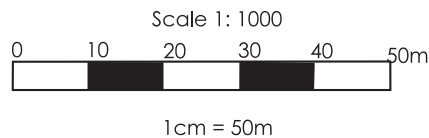
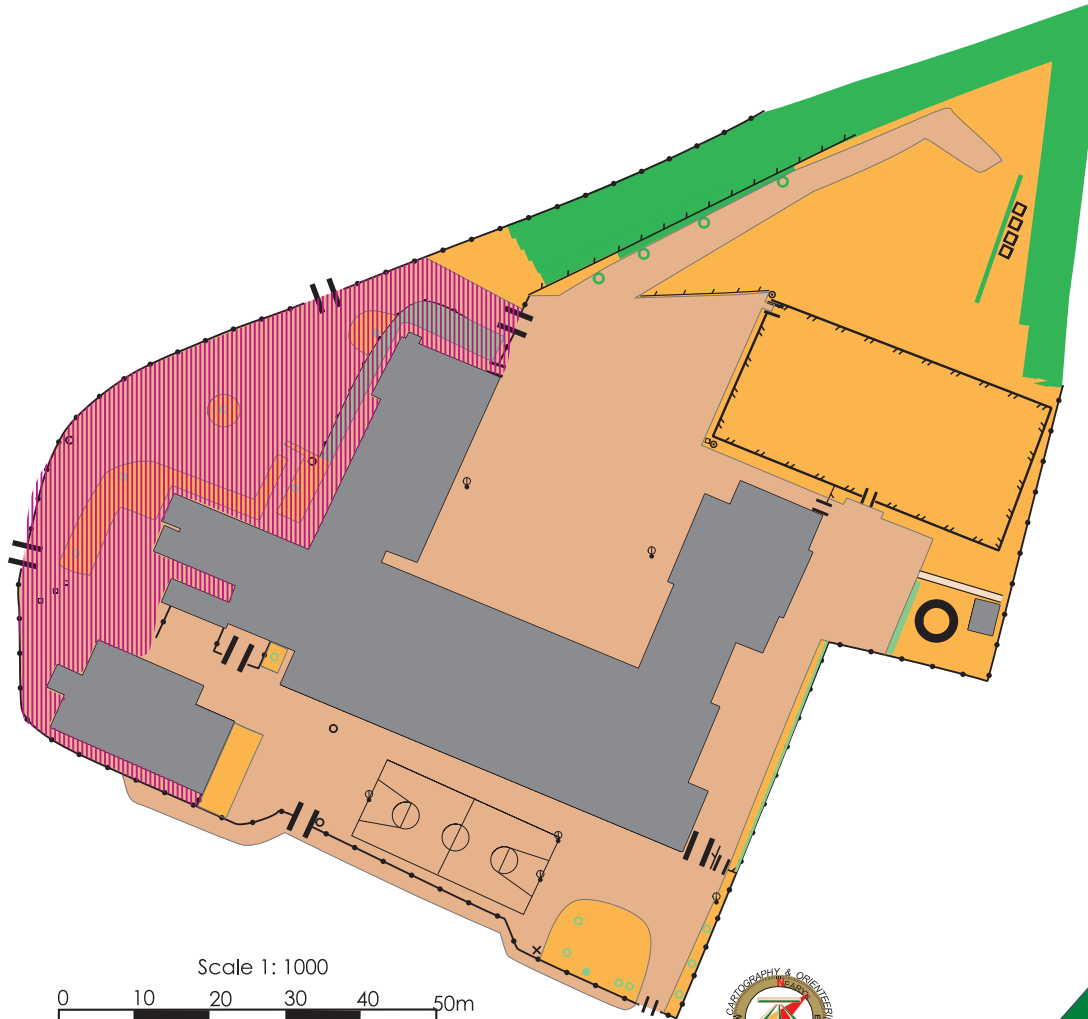


St.John's National School, Breaffy, Castlebar, Co. Mayo



Legend

- Vegetation: very difficult to run
- Hedge
- Paved area
- Paved footpath
- Spot Light
- Basketball basket
- Building outline
- Building inside
- Step or edge of paved area
- Wall
- Fence
- High fence
- Crossing point - gate
- Pole
- Large Tank
- Electricity Box
- Special man-made feature
- Large Bin
- Open land
- Vegetation: dense
- Single Large Tree
- Bush or small tree
- Out of Bounds



Survey and Mapping: nearyscando@gmail.com, jarlath32@gmail.com



Davitt College, Springfield, Castlebar, Co. Mayo

GPS Co-ord Main Entrance
 Lat: 53.512777, Lon: -9.172228

scale 1:2,000
 (1cm=20metres)



Legend

- Area with Forbidden Access
- Open land
- Step or edge of paved area
- Prominent large tree
- Prominent bush or small tree
- Passable stone wall
- Impassable fence
- Building inside (not passable)
- Building outline (not passable)
- Paved area (urban)
- Paved footpath or track, non-urb
- Paved footpath or track, non-urb
- Earth bank
- Vegetation: very difficult to run
- Hedge wide
- Hedge small
- Distinct vegetation boundary
- Passable fence
- Goal
- Bench
- Sign Post
- Pole or Post
- Man-made feature small
- Flagpole
- Basketball basket
- Waste bin
- Street lamp
- Gate or Crossing Point

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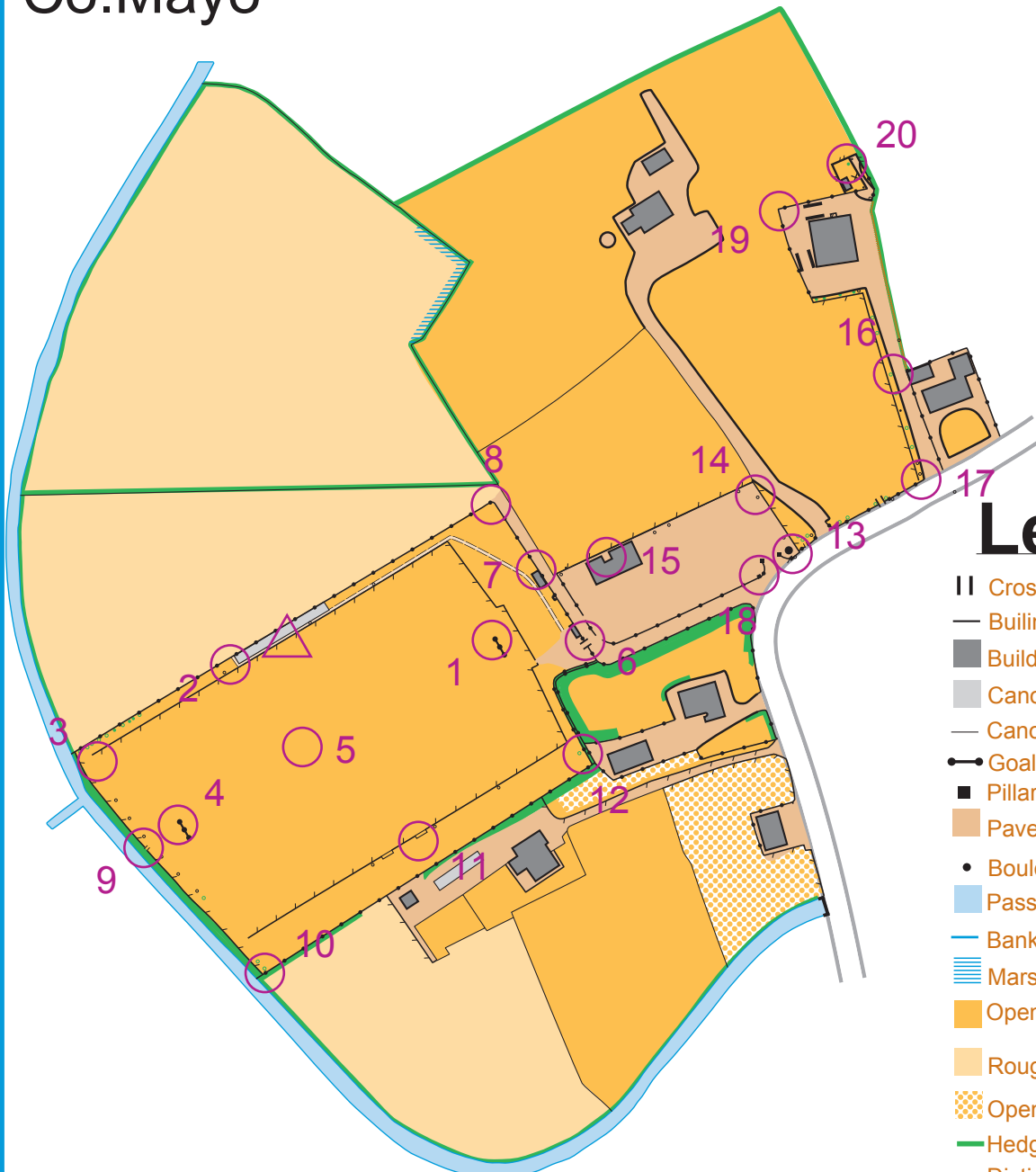
Scale 1:2,000 (1cm=20metres)



Survey and cartography July 2017 by:
 Erin Neary, nearyscando@gmail.com
 College Principal: Ms. Bernadette Rowland

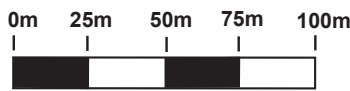
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Legend

- || Crossing point
- Building outline
- Building inside
- Canopy
- Canopy (outline)
- Goal
- Pillar
- Paved area
- Boulder
- Passable body of water
- Bank line
- ▨ Marsh
- Open land
- Rough open land
- ▨ Open land with scattered trees
- Hedge
- Distinct cultivation boundary
- Prominent large tree
- Prominent bush or small tree
- == Unpaved footpath or track
- Bridge
- Passable stone wall
- Passable fence or railing
- Impassable fence
- Road
- Prominent man-made feature
- × Prominent man-made feature
- Step or edge of paved area
- Earth Bank

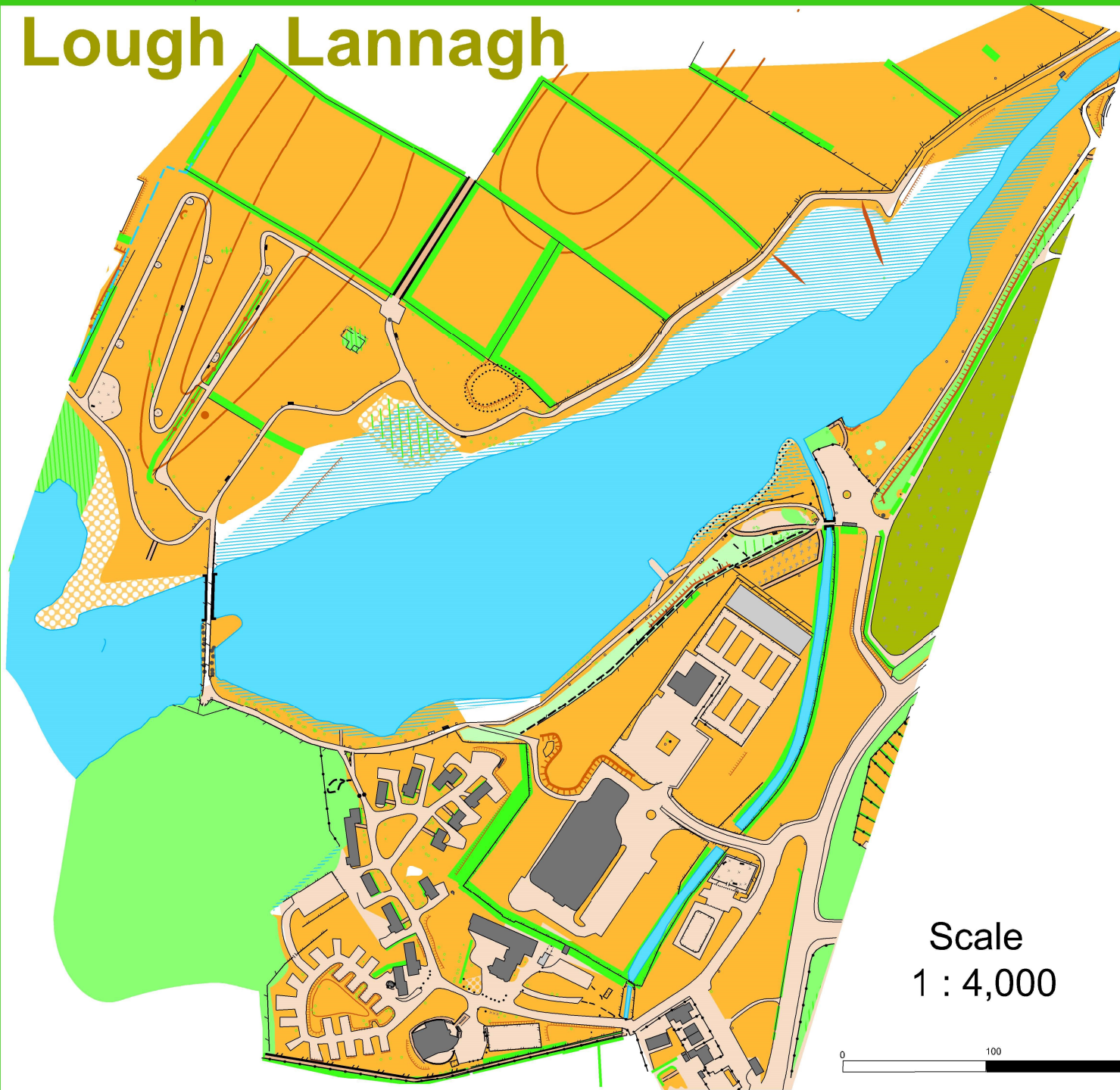


1:2500



Bringing the adventure to you

Lough Lannagh



Legend



- Erosion gully
- Earth bank
- Earth wall
- Bank line lake / river
- Contour
- Small depression
- Boulder
- Small knoll
- Stony ground
- Open sandy ground
- Impassable body of water (75%)
- Minor watercourse
- Marsh
- Indistinct marsh
- Rough open land
- Rough open land with sca. trees
- Forest: easy running
- Forest: slow running
- Forest: difficult to run
- Undergrowth: difficult to run
- Forest: difficult to run
- Vegetation: very diffic. to run
- Open land
- Prominent large tree
- Light or Electricity Pole
- Hedge
- Ring Fort
- Distinct cultivation boundary
- Pillar
- Crossing point
- Prominent bush or small tree
- Prominent vegetation feature
- Unpaved footpath or track
- Small unpaved footpath or track
- Paved footpath or track, non-urb
- Bridge
- Passable stone wall
- Passable fence or railing
- Step or edge of paved area
- Impassable fence
- Building inside (not passable)
- Canopy
- Building outline (not passable)
- Area with forbidden access
- Paved area (urban)
- Sign
- Sign
- Cemetery
- Bench
- Ruin
- Gym or Play Equipment

Scale
1 : 4,000



Lough Lannagh

Legend



- Erosion gully
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- Sign
- Cemetery
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- Gym or Play Equipment

St Stephens day				
St.S.D Line 1	3.1 km			
1	160			
2	151			
3	152			
4	153			
5	154			
6	155			
7	159			
8	161			

150 m

Scale
1 : 4,000

