

Summer Orienteering



Are you up for the challenge?

Leaders from 1st North Leigh Scout Group have put together this orienteering route that takes you in and around North Leigh, and we hope you have fun completing it in August!

Please read all of the attached instructions before you set off on your adventure!

Please also note that all young people must be accompanied by a responsible parent or guardian and that 1st North Leigh Scout Group takes no responsibility for participants as this activity is to be completed independently.

A few quick points about safety:

- Young people must have a parent or guardian with them at all times
- Keep to footpaths, bridleways, and public right of ways - the route DOES NOT take you onto any private property
- Follow the countryside code, which at it's simplest is :
 - ⇒ Take all litter home with you
 - ⇒ Leave gates as you found them
 - ⇒ Keep dogs on their lead and under control (especially around livestock)
- The route takes you across a few roads (this has been kept to a minimum). Work out where you need to go at a safe distance from the road before crossing, and stay alert while you do cross.

#SkillsForLife

As Scouts, we believe in preparing young people with skills for life, so it would be great if you could let your young person lead the orienteering as much as possible!

Read through the guidance with them to refresh their memory of how to read a map and compass, and maybe even get them to do a quick practise before you set off.

It would be great if everyone walking could look through the instructions to learn too, that way they can help the young person if they struggle!

You will need the following packed in a small backpack :

- Print out:
 - Instructions from this pack
 - Directions and questions
 - Blank map of North Leigh
 - Map with route on (to be used in case you get really really lost)
- Pen and pencil (plus spares)
- Plenty of water
- Sun hat and sun cream
- Lunch
- Snacks
- Compass (an actual compass is best, but a compass app on a phone can work too)
- Phone (with charge and the what3words app)
- Raincoat (we live in the UK after all!)
- Small first aid kit
- Hand sanitiser (for before you eat!)
- Wear clothes comfortable to walk in (preferably layers) and comfortable walking shoes/boots

About the Route

Start/Finish

The route is circular, and starts and ends at the Turner Hall carpark, which is free to park in. It is nearly opposite St. Mary's Church, at the bottom of Church Road, North Leigh, and has the postcode of OX29 6TX. Please note that there are no toilets on this route!

Distance and Time

There are two routes - we think the shorter route will be best for Beavers and Cubs, and the longer route for Scouts and Explorers. Of course, if your Beaver/Cub is feeling adventurous feel free to do the longer route!

Shorter route: 8km, roughly 4-5 hours (including breaks)

Longer route: 12km, roughly 5-6 hours (including breaks)

Terrain

Both routes are mainly on footpaths, which are either flat or have gentle inclines. They mainly go through fields or wooded areas, but also have a few concrete paths.

Orienteering Questions

Along the route you have questions to answer! Simply fill the answers in the table when you get to that point along your walk.

Can I get a badge for this?

Before you set off, have a look at the Navigator staged badge on scouts.org.uk/staged-badges/navigator - lots of things you'll do count towards stages 1-3. Make sure you take plenty of photos as evidence, then you can email them to your section leader when you get back!

What do I do now?

Make sure you've read the first page, then also read the next couple of pages to refresh yourself of how to navigate using a map and compass. It's a good idea to get everyone who will be walking with you to have a read, as they might like a go too!

Most importantly, remember to have fun, and enjoy yourself on a walk through the Great British countryside!



Ash



Beech



Birch



Hazel



Horse Chestnut



Ivy

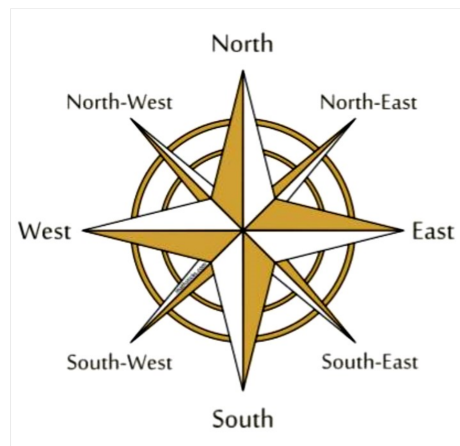


Oak

Map and Compass Basics


There are four compass points (North, East, South, and West), with the points between them named after the two nearest points. (The red end of the compass needle usually points north).

The top of the map will always be North, however you must orientate the map so that it matches the direction that North actually is. To do this, simply use your compass to find North and spin your map so that the top points in that direction!



Simple Key for the Map

Footpath 


Bridleway 

Recreational Route 

Place of worship with tower 

Coniferous Trees 

Non-coniferous Trees 

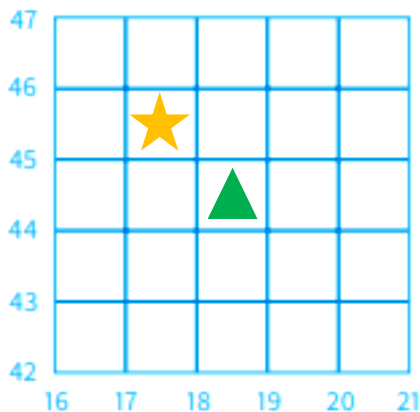
Minor Road (under 4m wide) 

Single Carriageway Main Road 

Grid References

If you look at your map, you'll see some faint blue lines, which make up a grid.

You always read the number along the top/bottom, then the number at the side - **along the corridor (horizontal), and then up the stairs (vertical).**



4-Figure Grid References

We'll start with 4-figure grid references. The green triangle in the diagram is 18 across and 44 up, so the 4-figure grid reference is 1844.

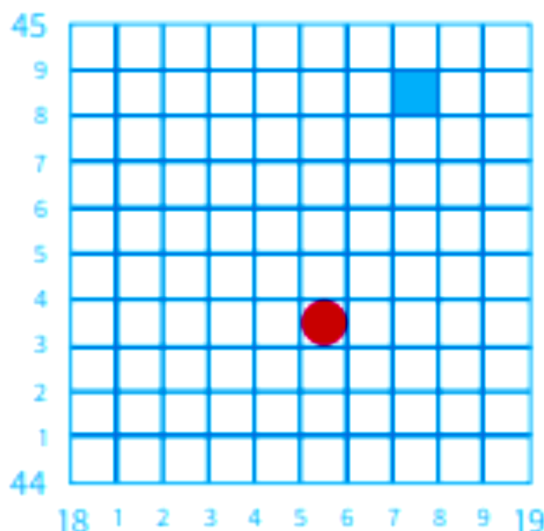
Try to locate the orange star, you should get 1745.

6-Figure Grid References

Now imagine each of the squares in the above diagram are divided further into tenths. The diagram to the right shows the box that the green triangle is in, which is 1844.

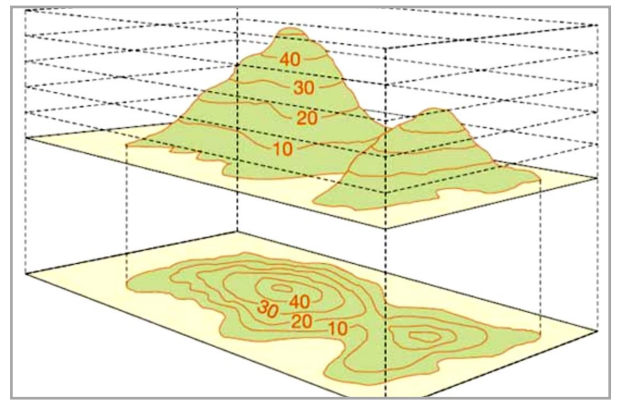
To locate the blue box (diagram to the right), we know it is in 1844, but more accurately it is 7 tenths across and 8 tenths up within that grid square. This means the 6-figure grid reference is 187448.

Try to locate the red circle, you should get 185443.



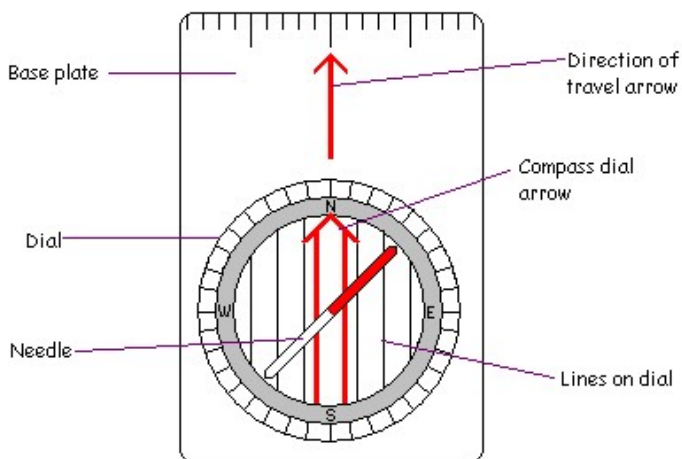
Contour Lines

Contour lines can be used to understand the shape of the land. They're drawn between points of equal height, so any single contour line will be at the same height all the way along its length.



Bearings

Bearings are an accurate way to give directions, written as 3 digit number and represent the 360 degrees of a circle.



To follow a bearing, turn the outer dial until the bearing (e.g. 140° SE) is lined up with the direction of travel arrow.

Spin your body slowly until the north/red side of the needle lines up with the compass dial arrow/ where N is on the dial.

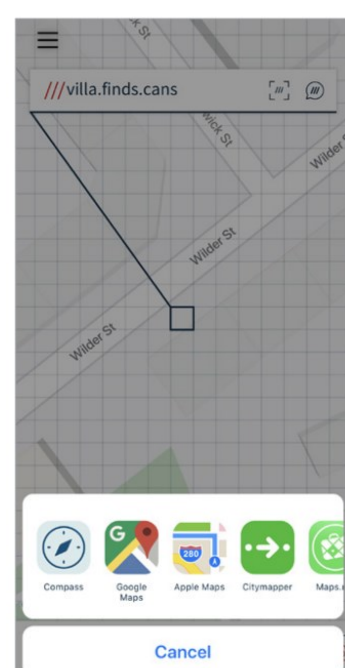
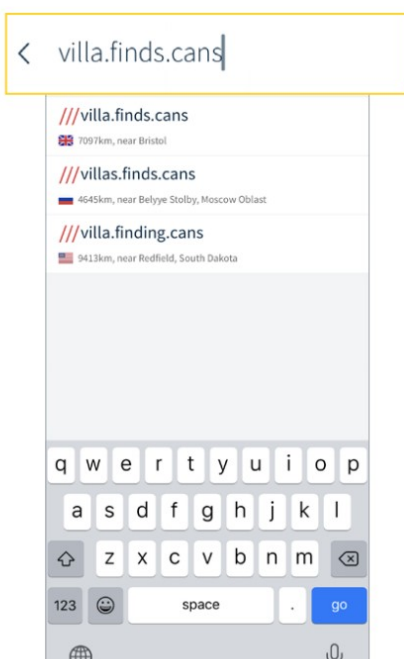
Keep these two lined up, and move in the direction of travel, ensuring you hold the compass flat.

what3words

Each 3m square in the world has a unique 3 word address, and gives a simple way to share specific locations. Download the app before you leave, and then:



1. Enter the what3words into the search bar with a dot between each word and press Go
2. Tap Navigate
3. Select your preferred navigation app to get directions



Short Route Directions

From the Turner Hall, go North East along Church Road, and continue to the junction

1. How far is it to Finstock? _____

Follow the Wychwood Way footpath signs, and continue along the footpath

2. What animal is kept in the fields to the North? _____

3. What colour is the water cover at the grid reference 392 139, or the what3words award.unleashed.observers.? _____

4. What colour is the 30cm tall wooden post to the left, around 50m from the corner of the path? _____

5. What type of bush is growing around 10m before the gate? _____

Keeping on the Wychwood Way, continue past the gate

6. From the warning sign on the gate onwards, how many posts are there along the footpath that aren't obscured from view by plants? _____

Continue through the field boundary. At the split of the path take the path on a bearing of 047° NNE and continue through the woods

7. 75m from the start of the wooded area, where the path gets a bit narrower, what type of tree is above you? _____

Continue along the path to the gate

8. What is the phone number on the footpath signs? _____

At the end of the field continue straight for 5m and take the path to the right of the fork. At the second fork, also take the path to the right. Continue to take the path to stay along the edge of the wooded area

9. What is the name of the house opposite you as you reach the main road in East End? _____

Go North West through East End

10. What sweet can be found just before Sturt Wood? _____

Turn South West from the main road along the footpath towards North Leigh. At any of the forks in the footpath, continue along the path next to the fence, on a South West bearing

11. Draw the 'Step into Cotswold' badge found on the gate (There's space at the end of the questions!)

Follow the footpath to the edge of the next field

12. What piece of armour is on the public footpath sign? _____

Take the footpath to the West until you get to the field boundary

13. Take a photo of you and/or your walking group doing a jump pose at the grid reference 395 148

14. At the field boundary, what landmark can you see at the bearing of 210°S?

Follow the footpath sign along the field. Continue through the field boundaries, following the footpath at a bearing of 320° NW

At the break in the hedge line, follow the footpath across two fields and through the trees at a bearing of 280°W

15. Why have the grass edgings been left? _____

16. What can you hear when you get to the trees at the end of the second field?

At the bottom of the hill walk North

17. What is there at grid reference 385 147 or what 3 words tips.utter.goods?

Take the footpath to the North West for 30m. At the break in the hedge line take the South West footpath

18. You've just climbed a big hill! Before you get take a rest look at your map and work out how high you've climbed from the river _____

Please read all the following instructions before moving. You need to cross the road, but safely;

At the road turn left, walking on the grass verge.

Cross to the island triangle of grass in the middle of the junction.

Walk to the lowest point of the grass triangle.

Then walk downhill on the LEFTHAND side of the road, taking care.

The footpath is 30m along the road, on the left. It's a bit hidden and is after the second sticky up tree.

Take the footpath through the field to the West

Cross the small bridge and continue in a South West direction

19. What is the name on top of the barn? (DON'T go into the farm) _____

Follow the footpath South West, parallel to the ditch/river, along the concrete and through the grass (NOT towards the farm buildings) and continue through the field

20. What are the uniformly planted trees halfway up the field, to the south?

Continue to the small wooded area (the path is a semi-circle inside it), and exit the woods in a Southerly direction

Follow the edge of the field South, and continue following the footpaths in a Southerly direction

- 21. Take a photo of you or your walking group so it looks like you're pushing some trees (use perspective!)**

Turn South East onto North Leigh Lane and continue towards New Yatt

- 22. What colour is the footpath sign? _____**

- 23. You're currently on a bridleway – what does this mean and what is the symbol on the map for it (there's space to draw it at the end!)?**

- 24. 10m along from the fork in the path/footpath sign, what is the tree on your left?**

- 25. How many crosses are there on the side of the second stone building on the left at New Yatt Farm? _____**

Just before you get to the no entry sign on your left, follow the gravel track East (there is a footpath sign on your right!)

- 26. How many barrels are by the shed? _____**

As you round the corner and see the house stick to the trees on your left and continue to the small footpath in front of you (it's a bit overgrown, sorry!)

- 27. What company made the gate? _____**

Cross the wooden bridge and take the footpath to the East (in the direction of the pylons)

- 28. What colour are the window frames of the C6 building? _____**

Go through the gate and when you reach the house at the end of the footpath, walk South West

- 29. What colour is the D4 door? _____**

- 30. What is the speed limit of New Yatt Road? _____**

Leave the New Yatt Business Centre and walk along the right hand side of the road/the grass verge towards the East. At the corner of the road, go through the kissing gate and follow the footpath and go through the next kissing gate

- 31. Towards the North, before the next kissing gate, is the wooded area natural or man made? _____**

Continue to follow the foot path East across the field

- 32. What colour are the flags to the North East? _____**

33. Who installed the kissing gate at the end of the field? _____

Continue East through the kissing gate

34. What is the symbol on the map for the concrete block 3/4 of the way along the path on your left? (There's space to draw it after the questions!)

Continue following the footpath East through the gate

35. What is growing on the side of the oak tree, just past the gate? _____

Continue East onto the private road (it's also a public footpath). Follow the road round, exit next to the black gates.

Follow the road until you reach Common Road. Cross the road and follow the footpath North East

48. What are the numbers on the two lamp posts on the footpath? _____

Turn East along Park Road

49. How much is it to repair/dry clean a full-length coat? _____

50. What is in the garden of 31 Park Road that you wouldn't normally expect to see?

51. How many decorative concrete squares are on the front of number 66 and 68 Park Road? _____

Take the footpath towards the Church at the grid reference 393 129

52. What is rusting in the field to the west of the footpath? _____

53. Once you have passed the field boundary, what can you see to the North West?

Continue along the footpath in a North West direction

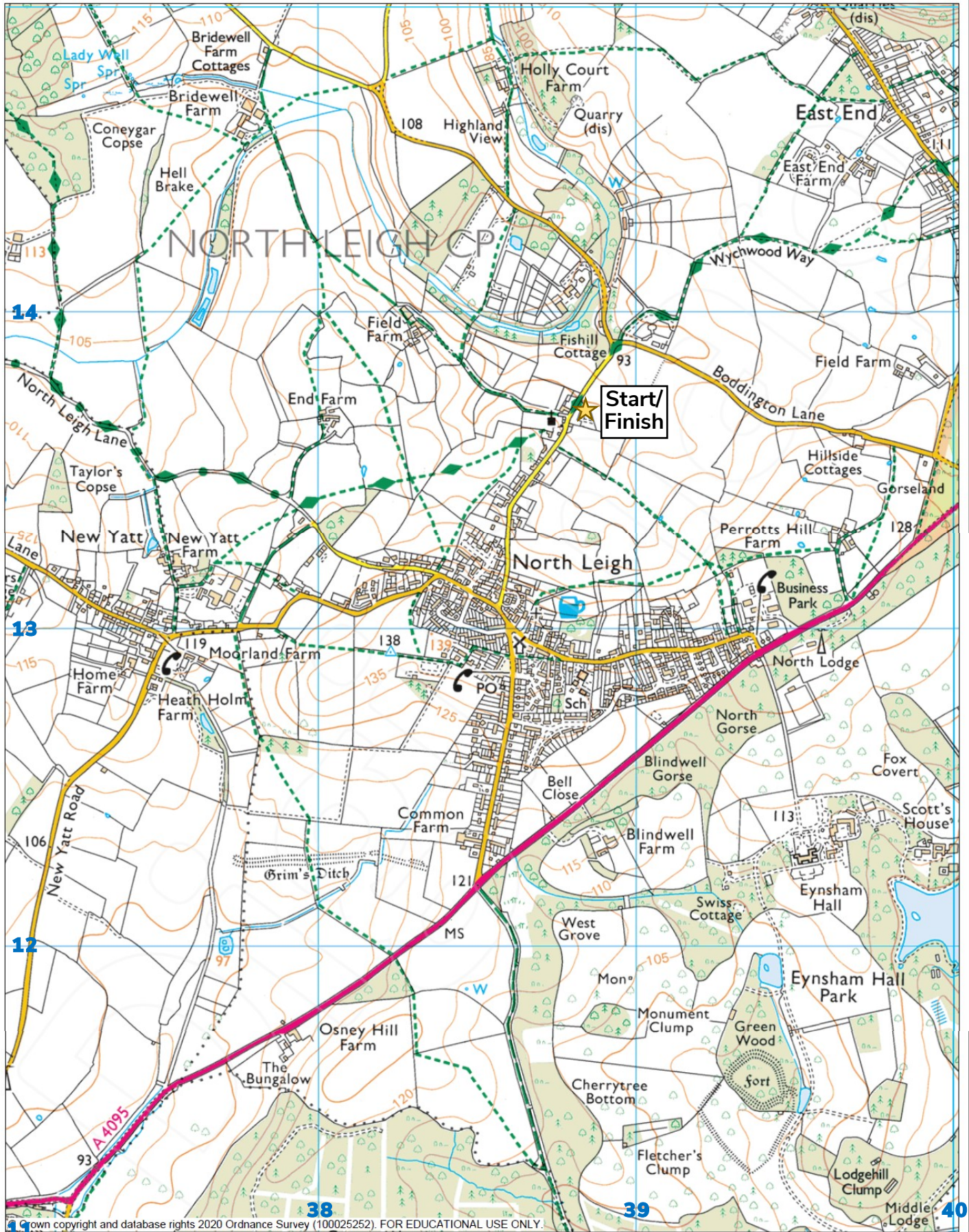
54. How many full rectangles are on the mesh part of the gate to your left on Church Road? _____

Walk carefully North East along Church Road

55. Name three people who the church gate is in memory of: _____

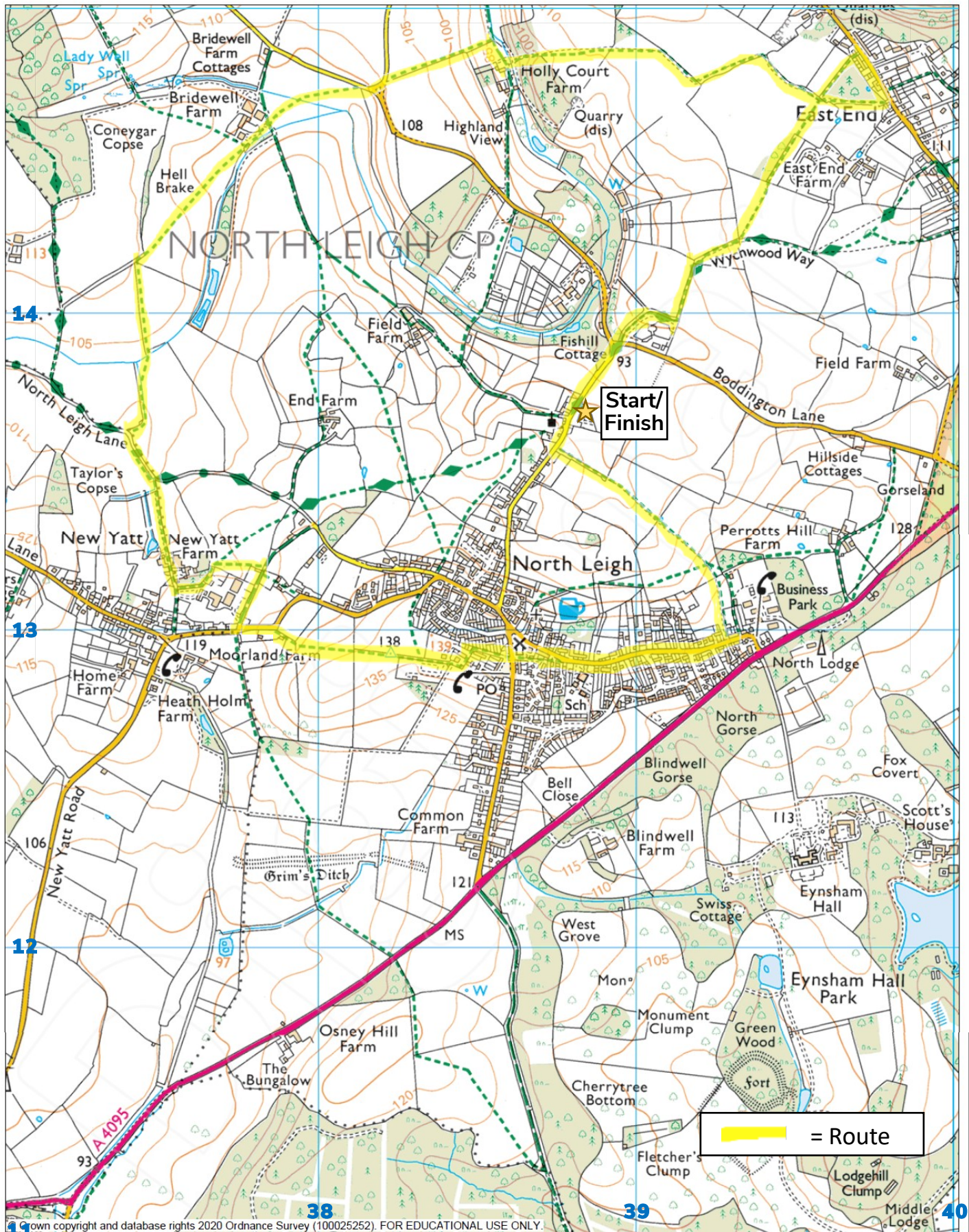
| | | |
|-----|-----|-----|
| 11. | 23. | 34. |
|-----|-----|-----|

Summer Orienteering



SHORT ROUTE - Summer Orienteering - Route for if you get lost

Take this with you, but don't look at it unless you are lost!



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Digimap®



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Scale 1:16050

0 100 200 300 400 500 600 700 800 900 1000 m

Projection: British National Grid

