



WOODLAND  
TRUST

# Using the Carnmoney Hill Electronic Orienteering Course

**Orienteering is an exciting form of outdoor recreation suitable for all ages and abilities. With the help of a specially produced map you find your way around a set course by visiting various locations, known as control posts, in sequence, following the route of your choice, and at your own pace, which could be walking, jogging or racing. At Carnmoney Hill you can use your mobile phone to verify you have completed the course and then if you wish send in your time!**

## Before you leave home

You need any Android smartphone with NFC function. NFC stands for Near Field Communication.

To check if you have NFC, go to Settings. If you have NFC it will be listed "Connection". Turn NFC on. (Image 1)

Now go to the Google Play store, search for "dib" and install the app "dib Orienteering Dibber" by Appin Design. The app is free. (You may also find "dib HQ Orienteering

Results" but you do not need this.) (Image 2)

Once downloaded open the app. Touch your settings button and enter your personal details. If you are with a youth group or other club or team, you may enter the group name under club. If your group is divided into sections, you can use Identifier if you wish. (Image 3)

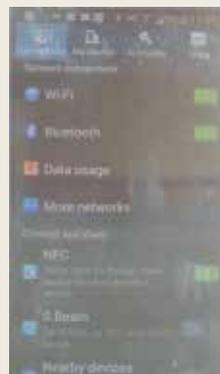


Image 1

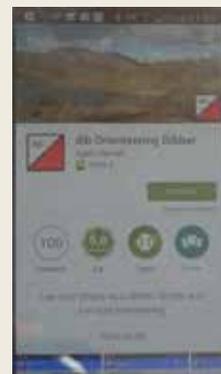


Image 2

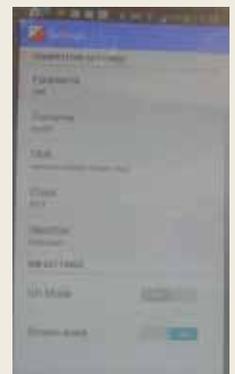


Image 3



You may, if you wish, give your age class.  
Age classes in orienteering are as follows, with the age as at 31 Dec this year:

M10 for males under 10	W10 for females under 10
M12 for males 11 and 12	W12 for females 11 and 12
M14 for males 13 and 14	W14 for females 13 and 14
M16 for males 15 and 16	W16 for females 15 and 16
M18 for males 17 and 18	W18 for females 17 and 18
M20 for males 19 and 20	W20 for females 19 and 20
M21 for males 21 to 34	W21 for females 21 to 34
M35 for males 35 to 39	W35 for females 35 to 39
M40 for males 40 to 45	W40 for females 40 to 45

And so on all the way up to M90 and W90!!

Turn screen wake on, but leave QR mode off. Now go to the Woodlandtrust website at [woodlandtrust.org.uk/carmoney-hill](http://woodlandtrust.org.uk/carmoney-hill). Click on Orienteering to find the maps. There is a choice of two courses:

**Yellow** – this is an introductory course, suitable for those who have little experience of orienteering. All the controls are on the paths.

**Orange** – this is a course suitable for those who have some experience of orienteering. Some controls are off the paths.

Download and print the course you have chosen in colour on an A4 page in portrait mode.

If there is any chance of rain, it's a good idea to put the map in a clear plastic bag.

## When you arrive at Carnmoney Hill

Make your way to the Rathfern Social Activity Centre at Knockenagh Ave, Newtownabbey, County Antrim BT36 6BE.

At the left side of the centre there is a pedestrian gate. Go through the gate and you should find two posts. If you check your map you should now be where the red triangle is.

Locate the post with the Yellow and Orange discs (image 4). Open the “dib” app on your phone and touch the phone against the Yellow disc if you have chosen to do the Yellow course, or touch the Orange disc if you have chosen the Orange course. Your phone should beep to confirm that it has read the course into the phone. If there was no beep, check that you have turned the NFC function on.

Now go to the other side of the post which has the red/white orienteering symbol with a red triangle underneath, the start (image 5). Touch your phone against the orienteering symbol. Your phone should beep and now the clock is running. If you are racing, then from now every second counts! However if you are walking, slow down and enjoy the course!

Use your map to navigate to the first control posts. Both the Yellow and Orange courses happen to have the same control post. The post will be in the centre of the 1st red circle on your map. You are also given a description that the post will be at a path junction with the verification code “75”. Once you have found the post then touch your phone against the red/white orienteering symbol and check that it beeps (image 6). (Should you notice any fault or damage to the posts / tags please contact – [wtni@woodlandtrust.org.uk](mailto:wtni@woodlandtrust.org.uk))

Now find your way to the 2nd post on your course and touch your phone against it (image 7). Continue until you have visited all the posts on your course in the specified order.

Then navigate to the finish, which is shown as a double red circle on the map. Touch your phone on the finish post. The clock has now stopped. Your phone screen will confirm if you have completed the course correctly and display your time.

You may now if you wish report your results to Rathfern Social Activity Centre. To do this touch your phone against the R disc on the other side of the finish post (image 8). This will automatically send your result by text message. The text will be charged at your standard rate.

To find out more about orienteering visit the Northern Ireland Orienteering website [norienteering.org.uk](http://norienteering.org.uk) and the local club Lagan Valley Orienteers website [lvo.org.uk](http://lvo.org.uk). You are very welcome to come along to any event.



Image 4



Image 5

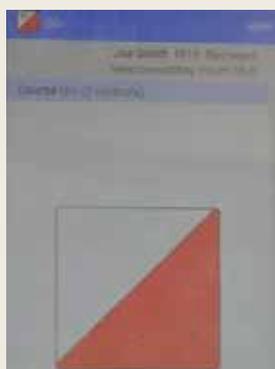


Image 6



Image 7



Image 8