

Vision Northumberland Assistive Tech Series

GPS Navigation Apps

GPS navigation refers to using tools, usually found on a smartphone or tablet to aid you in planning and travelling routes. There are various apps available to blind and partially sighted users when it comes to navigating around the world.

GPS Navigation comes installed for free on almost all smart phones and tablets.



"Maps" comes built into iPhones.



"Google Maps" comes build into Android phones.

Both provide similar functionality and can give you verbal directions and show the route on a map.

'BlindSquare' is an app available on Apple devices that allows you to know what is around you when you are walking down the road. It tells you what road you are on and the business and shops on each side of the road as you come near them. The BlindSquare app currently costs £38.99.

To download the app on your **iphone** or **ipad**, follow these steps:

- 1. Go to the App Store
- 2. Search for 'BlindSquare'
- 3. Select 'Install' to download the app
- 4. You will be prompted to add you payments details

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'Lazarillo Accessible GPS' is a free app that allows you to explore the world around you and create routes with audio guidance. This app has a wide range of customizability options and mobility tools.

It is available for both Android and Apple devices. To download the app to your device, follow these steps:

- 1. Go to the Google Play or App Store
- 2. Search for 'Lazarillo Accessible GPS'
- 3. Select 'Install' to download the app



'DotWalker' is a travel assistant app for Android devices that provides turn-by-turn navigation to and from an address or saved point. You can even create routes on the move simply by shaking the device.

To download the app on your **Android phone or table**, follow these steps:

- 1. Go to the Google Play Store
- 2. Search for 'DotWalker'
- 3. Select 'Install' to download the app



'Clew' is an indoor navigation app for Apple devices that helps blind and visually impaired users return to a desired location. For example, if leaving your seat in a restaurant users can set their waypoint before standing up and then

use that marker to navigate back to the same spot they left from.

To download the app on your **iphone** or **ipad**, follow these steps:

- 1. Go to the App Store
- 2. Search for 'Clew'
- 3. Select 'Install' to download the app