

Tools for Mapping

Published on LEARNZ (<http://www.learnz.org.nz>)

Listen: [Listen](#) [1]

[Listen](#) [2]

People who build maps are called cartographers. Cartography is the business of building maps.

People who build maps are called cartographers. Cartography is all about building maps.

Cartography

The word cartography comes from two Greek words meaning to write on paper:

1. khartes meaning papyrus or paper.
2. graphein meaning 'to write'.

Before computers, cartographers drew maps with coloured pencils and rulers. Now with computers, anyone can be a cartographer! Here are three free tools you can use to make your own maps.

1. Google Earth

[Google Earth](#) [3] is a free application that lets you fly anywhere on Earth to view satellite imagery.

You can use Google Earth to very quickly:

- in your browser, **zoom in** on an area you want to create a map of
- **remove** all the existing Google Earth symbols
- **add your own border**
- **add your own symbols and place markers**
- **add your own border, scale and compass**
- **export** your map into a useable image
- **add your map** to your project file eg MS Word etc.

[Google My Maps](#) [4] is a free application that you can use to make your own maps and share them with others online.

[Watch this video](#) [5] for simple instructions on how to create your map using Google Earth.

2. ZeeMaps

Tools for Mapping

Published on LEARNZ (<http://www.learnz.org.nz>)

[ZeeMaps](#) [6] is another free tool that allows you to create your own map.

You can use ZeeMaps to very quickly:

- in your browser, **find your area on their map**
- **add coloured markers** with descriptions, photos, videos
- **insert your map** into a web page
- set up **password access** to change your map.

[Watch this video](#) [7] for simple instructions on how to create your map using ZeeMaps.

3. ArcGIS Online

As from April 2017, students in schools in America, Europe, Australia and New Zealand can now use [ArcGIS Online](#) [8] (for free!) to explore and analyse data using maps. This is called the Esri Program for Schools. ESRI is a large American company that uses GIS mapping software to help people make their own maps. You can now use their smart software to make your own map for free!

You can use ArcGIS Online to very quickly:

- **Find a location** eg your school address, or a park
- **Add data** such as street names, regional boundaries, landmarks, parks, buildings, your own notes
- **Obtain a web address** (URL) for your map to share with others
- **Embed your map** into a website.

Cartography

The word cartography comes from two Greek words meaning to write on paper:

1. khartes meaning papyrus or paper.
2. graphein meaning 'to write'.

Cartographers drew maps with coloured pencils and rulers before computers. These days, anyone can be a cartographer! Here are three free tools you can use to make your own maps.

1. Google Earth

[Google Earth](#) [3] is a free [application](#) [9] that lets you view [satellite](#) [9] pictures from anywhere on Earth.

You can use Google Earth to very quickly:

Tools for Mapping

Published on LEARNZ (<http://www.learnz.org.nz>)

- in your browser, **zoom in** on an area you want to create a map of
- **remove** all the existing Google Earth symbols
- **add your own border**
- **add your own symbols and place markers**
- **add your own border, scale and compass**
- **export** your map into a useable image
- **add your map** to your project file eg MS Word etc.

[Google My Maps](#) [4] is a free application that you can use to make your own maps and share them with others online.

[Watch this video](#) [5] for simple instructions on how to create your map using Google Earth.

2. ZeeMaps

[ZeeMaps](#) [6] is another free tool that allows you to create your own map.

You can use ZeeMaps to very quickly:

- in your browser, **find your area on their map**
- **add coloured markers** with descriptions, photos, videos
- **insert your map** into a web page
- set up **password access** to change your map.

[Watch this video](#) [7] for simple instructions on how to create your map using ZeeMaps.

3. ArcGIS Online

[ArcGIS Online](#) [8] is also a free programme to explore and analyse data using maps. This is called the Esri Program for Schools. ESRI uses [GIS](#) [9] mapping [software](#) [9] to help people make their own maps. You can now use their smart software to make your own map for free!

You can use ArcGIS Online to very quickly:

- **Find a location** eg your school address, or a park
- **Add data** such as street names, regional boundaries, landmarks, parks, buildings, your own notes
- **Obtain a web address** (URL) for your map to share with others
- **Embed your map** into a website.

Māori keywords:

Tools for Mapping

Published on LEARNZ (<http://www.learnz.org.nz>)

Audio Māori keywords:

- [mahere - map](#) [10]
- [whakamahere - mapping](#) [11]
- [pūmanawa tautono - app/application](#) [12]
- [pūmanawa rorohiko - software](#) [13]
- [utukore - free](#) [14]
- [pae tukutuku - website](#) [15]

Be a cartographer: Have a go at using one of the three online tools listed above to make your own map.

Be a cartographer: Have a go at using one of the three online tools listed above to make your own map.



[16]

Google Earth and Google My Maps are worth having a go at. Image: Google.

Tools for Mapping

Published on LEARNZ (<http://www.learnz.org.nz>)



[17]

ZeeMaps is another free tool that allows you to create your own map.
Image: ZeeMaps.



[18]

ArcGIS Online can assist you to explore and analyse data using maps.
Image: arcgis.com.

Source URL: <http://www.learnz.org.nz/mapping183/tools-for-mapping>

Links

[1] <http://www.learnz.org.nz/sites/learnz.org.nz/files/bg-tools-for-mapping.mp3?uuid=5ed9522d273c7>

[2] <http://www.learnz.org.nz/sites/learnz.org.nz/files/bg-easy-tools-for-mapping.mp3?uuid=5ed9522d26e11>

[3] <https://www.google.com/earth/>

[4] <https://www.google.com/maps/about/mymaps/>

[5] <https://www.youtube.com/watch?v=DgOHRnPshHs>

[6] <https://www.zeemaps.com/>

[7] <https://youtu.be/l0ohlbsOkFY?list=PLNHMsXuD4WJS4gU3i57Bb6UJOJxqIRp-I>

Tools for Mapping

Published on LEARNZ (<http://www.learnz.org.nz>)

[8] <http://www.arcgis.com/home/index.html>

[9] <http://www.learnz.org.nz/mapping183/glossary>

[10] http://www.learnz.org.nz/sites/learnz.org.nz/files/mahere_13.mp3?uuid=5ed9522d2750e

[11] http://www.learnz.org.nz/sites/learnz.org.nz/files/whakamahere_0.mp3?uuid=5ed9522d2760c

[12] <http://www.learnz.org.nz/sites/learnz.org.nz/files/pumanawa-tautono.mp3?uuid=5ed9522d2770c>

[13] http://www.learnz.org.nz/sites/learnz.org.nz/files/pumanawa-rorohiko_3.mp3?uid=5ed9522d27800

[14]

<http://www.learnz.org.nz/sites/learnz.org.nz/files/utukore.mp3?uuid=5ed9522d278fc>

[15] <http://www.learnz.org.nz/sites/learnz.org.nz/files/pae-tukutuku.mp3?uuid=5ed9522d279ea>

[16] <http://www.learnz.org.nz/sites/learnz.org.nz/files/b-bg-tools-for-mapping-01.jpg>

[17] <http://www.learnz.org.nz/sites/learnz.org.nz/files/b-bg-tools-for-mapping-02.jpg>

[18] <http://www.learnz.org.nz/sites/learnz.org.nz/files/b-bg-tools-for-mapping-03.jpg>