MapIT! Instructions - Teachers

Welcome to the Geography Teachers’ Association of Victoria Annual MapIT! Competition.

MapIT! provides the perfect opportunity for students to research and propose evidence-based improvements to the liveability of their neighbourhoods.

MapIT! leverages the mandatory Year 7 Geography Place and Liveability unit for the background knowledge needed. This challenge is provided to be an essential engaging interactive component of general classroom teaching rather than an additional curriculum requirement. It is designed to also able to be used as a discrete activity for Level 10 Geographies of Human Wellbeing Geography unit.

How to enter MapIT! 2019

There are four steps in MapIT! 2019.

View the stimulus → Draw your map → Print your map → Submit your online entry

It is important that you read these instructions carefully before you start.

Criteria

<table>
<thead>
<tr>
<th>Knowledge and Understanding of Activity Centres, Liveability and/or sustainability and/or wellbeing</th>
<th>3</th>
<th>2</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comprehensive description of your neighbourhood activity centre and issues within the area</td>
<td>Detailed description of your neighbourhood activity centre and issues within the area</td>
<td>Description of your neighbourhood activity centre and issues within the area</td>
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Analysis of Activity Centres and Stimulus

| Interpretation and comprehensive analysis of geographical maps, data and other information to: propose simple suggestions based on spatial distributions, patterns and trends of your neighbourhood activity centre | Interpretation and detailed analysis of geographical maps, data and other information to: propose simple suggestions based on spatial distributions, patterns and trends of your neighbourhood activity centre | Interpretation and analysis of geographical maps, data and other information to: propose simple suggestions based on spatial distributions, patterns and trends of your neighbourhood activity centre |

| Has referred to stimulus correctly | Has referred to stimulus indirectly | No mention of stimulus |

Geographic Information Systems – Creation of your map

| Purposeful presentation of map, that contains the appropriate basemap, north star, title and is both legible and detailed | Effective presentation of map, that contains the appropriate basemap, north star, title and is both legible and detailed | Presentation of map, that contains the appropriate basemap, north star, title and is both legible and detailed |

Total Points: ___/ 12
Lesson Overview:

MapIT! uses student knowledge and skills gained via the GTAV / DELWP Living Locally lessons available on the GTAV webpage. It is an essential resource supporting student learning outcomes in the Victorian Curriculum Place and Liveability unit. It is designed to run over a 80-minute lesson or two 50 minute lessons and is aimed at all Victorian Year 7 and 8 students. Students who visit the sites and conduct the recommended field observations and measurements and data collection will develop a deeper understanding and submit richer proposals.

You will need:

- Access to computers for all students
- Stable internet
- Print or upload instructions for students

We recommend the following as the minimum lesson structure requirement to ensure that students have adequate time to complete the tasks:

- Introduction and getting students onto computers (10 minutes)
- Teacher led discussion leading to students choosing their own local neighbourhood activity centre OR town (10 minutes)
- Students systematically find their local neighbourhood in each of the stimulus maps and analyse geographic patterns and trends (20 minutes)
- Students create their own map (20 minutes)
- Students submit their online entry (20 minutes)

We recognise that all students work at different paces and some students may require more time, however, we would like to stress that the MapIT! is not an extended response task and each answer should be no more than a few sentences.

Helpful Links:

All links are embedded in the stimulus, however if you wish you alter any materials please find correct links below.

- Stimulus: https://gtav.maps.arcgis.com/apps/MapSeries/index.html?appid=0370ad9be33b4b38b38bfd4045c68b60
- Map Drawing: https://gis-for-schools.maps.arcgis.com/apps/webappviewer/index.html?id=c5cf39a01b7f41ee90149991aed0525b
- Survey: https://arcg.is/18fPH9

Troubleshooting/Known Errors:

**Drawing the map**

Depending on the width of student’s laptop or browser chosen, the Basemap button may be located in a Menu button in the top corner of the web page.

As above, students may need to cycle through Step One: Instructions, Step Two: Draw, Step Three: Print by selecting the arrows on the side.

**Printing**

If students are not seeing their entire map when it prints, they have not gone into the Advanced settings and chosen ‘Map Extent’.