

Practical 5. Configuring Popups, Adding x,y data, Working with Microsoft WORD

Introduction

Practical 4 introduced the concepts and skills associated with making and saving web maps using ArcGIS Online. In this practical, you learn how to configure feature popups with images, and links. You also learn how to create layers by adding x,y point data.

You will submit your practical responses digitally in a Microsoft WORD document that includes “snips” or screenshots of your work.

Task 1. Get Organized

Create a “save” folder on the desktop.

1. Right CLICK anywhere on the desktop of your computer.
2. CLICK NEW > FOLDER. An empty “New folder” appears on your desktop.
3. Rename the folder “Practical_05”
 - a. RIGHT CLICK on the folder
 - b. In the popup menu, CLICK “Rename”
 - c. Type “Practical_05”
 - d. Press ENTER

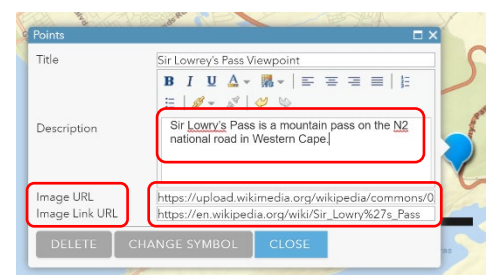
Create a new Microsoft WORD document.

4. Open a blank Microsoft WORD document.
5. Type your Name and Student ID number on the top of the document.
6. Save your WORD document to your Practical_05 folder on your desktop.
7. Title your document “<last name first name – Practical 5>

Task 1. Configure Popups

Configure the Points of Interest Popups

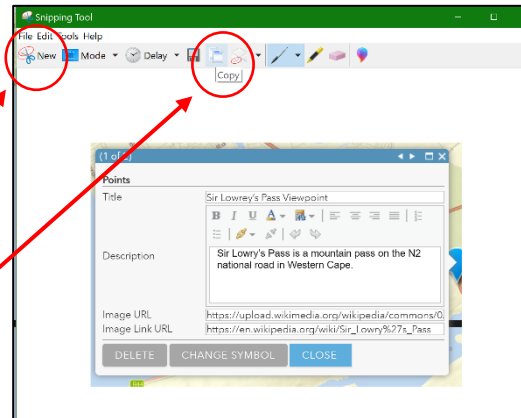
1. Sign in to your ESRI Public Account.
2. Open your content folder.
3. Open the Somerset West web map that you created in Practical 4.
4. CLICK on the Sir Lowry Pass Viewpoint. CLICK Edit.
5. Edit the description. Add this text: “Sir Lowry’s Pass is a mountain pass on the N2 national road in Western Cape.”
6. Add Image URL
 - a. Open a new Chrome tab and navigate to:
https://commons.wikimedia.org/wiki/File:Sir_Lowry%27s_Pass_viewpoint.JPG
 - b. Review the Image information. Confirm that the image **does not** have a copyright.
 - c. Right CLICK the image. CLICK Copy Image Address.
 - d. CLICK on your ArcGIS Online Chrome tab.
 - e. Right CLICK in the Image URL. CLICK Paste.
7. Add Image Link URL
 - a. Open a new Chrome tab and navigate to:
https://en.wikipedia.org/wiki/Sir_Lowry%27s_Pass
 - b. Copy the website URL from the browser tab address bar.
 - c. CLICK on your ArcGIS Online Chrome tab.
 - d. Right CLICK in the Image Link URL. CLICK Paste.
8. Add Image URL and Image Link URL information for the Tidal Pools and Camphor Trees Monument feature popups (repeat Steps 6 and 7 above with relevant information).
9. Save your map.



Task 2. Create snips/screenshots of popups

You will submit Practical 5 digitally as snips or screenshots in a WORD document.

1. From your Somerset West web map, open the Sir Lowrey's Pass popup.
2. Open the Microsoft Snipping Tool. This tool allows you to capture the image on your computer screen.
3. In the Snipping Tool window, CLICK New.
4. Drag a rectangle around the Sir Lowrey's popup.
5. CLICK the Copy icon in the Snipping Tool window.
6. Go to the WORD document you created in Task 1.
7. CLICK in the document. Note the location of your cursor.
8. Right CLICK > Paste. OR CLICK Paste (top left of your Microsoft WORD window).
9. Resize the image as necessary.
 - a. CLICK on the image. CLICK and drag the image "anchors" at each corner and in the middle of each side of the image.
10. SAVE your WORD document.
11. Return to your Somerset West web map.
12. Configure (description, Image URL, Image Link URL) the Tidal Pool and Camphor Trees Monument popups.
13. Add snips of the Tidal Pool and Camphor Trees Monument popups to your WORD document.
14. Save your WORD document.



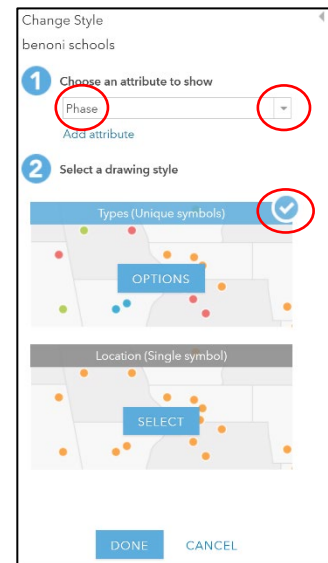
Task 3. Add x,y data

Create a web map showing the location of Benoni schools.

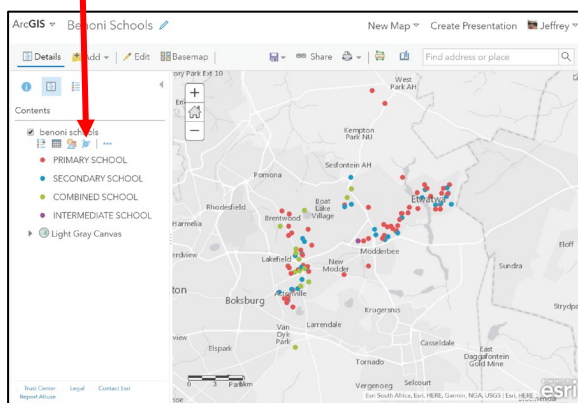
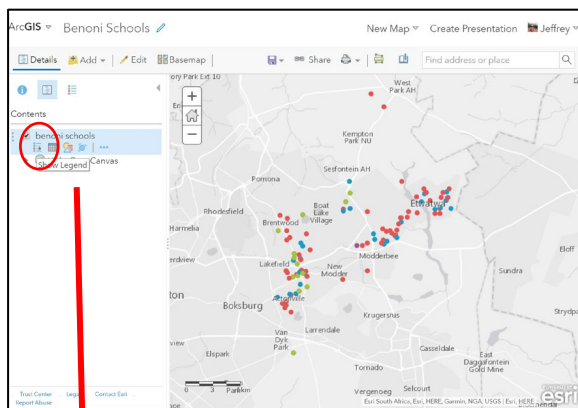
1. Download and save the "benoni_schools" text file (.txt).
 - a. Navigate to www.jeffreylash.com/ujgis. Scroll down to 25 May.
 - b. Right CLICK the Benoni Schools Data Text File link.
 - c. Save the .txt file in your Practical_05 folder.
2. Create a new ArcGIS Online map named "Benoni Schools by <your name>."
3. Change the Basemap to Light Gray Canvas
4. Navigate to <http://jeffreylash.com/ujgis/> CLICK on the 25 May "text File" link.
5. Copy ALL of the data that appears in the web browser.
6. Open a NEW WORD document.
7. Paste the copied data into the WORD document.
8. Save the WORD document as a benoni_schools.txt file. CLICK OK.
9. Close the benoni schools WORD window.

10. Add the Benoni Schools data to the map.
 - a. CLICK Add > Add layer from file
 - b. CLICK Choose file.
 - c. Navigate to the Desktop > Practical_05 folder
 - d. CLICK Benoni_Schools_txt
 - e. CLICK Open.
 - f. CLICK IMPORT LAYER. Note the points added to your map.

11. Change the symbology (style) of the points
 - a. In the Benoni Schools Change Style window, under Step 1, Chose an attribute to show, CLICK the small triangle to open the dropdown menu and chose "Phase."
 - b. Step 2. Make sure Types (Unique symbols) has a check mark.
 - c. CLICK DONE (bottom of Change Style window)



12. In the map contents window, Benoni Schools layer, CLICK Show Legend.



13. Save your map.
14. Create a snip of your completed map.
15. Copy and paste the snip into your WORD document. Resize the image as necessary.
16. Share your map. Copy/paste your map URL into your WORD document.
17. Save your WORD document.
18. Close WORD.
19. Close Chrome.

What to submit

When you have finished Tasks 2 and 3, make sure your WORD document contains:

- 1. Your Name and Student ID Number**
- 2. Task 2**
 - a. A snip of the configured Sir Lowrey Pass popup (2 marks)
 - b. A snip of the configured Tidal Pools popup (2 marks)
 - c. A snip of the configured Camphor Trees Monument popup (2 marks)
- 3. Task 3**
 - a. A snip of your Benoni Schools map (3 marks)
 - b. The Benoni Schools web map URL. (1 mark)

When you are finished. An instructor will copy your WORD document to a USB for marking.