

## Section : 6. Composer

World map	54032
Local	The local UTM zone
Graticule CRS	4326

### **More about**

We've just touched on the composer. Hopefully you found it easy to slap together a fairly good looking map or report. There's lots more to the composer that is covered in other worksheets. For example, you can add multiple maps to one layout and use some as overviews or popouts. Or you can create a series of maps automatically with the Atlas tool. Take time to explore and read about the functionality of the composer. Good cartography is a combination of what is in the map itself and how the map is presented in the final layout.

It takes a lot of effort to perfect a map layout. So, once you've done that back at work (or for yourself) then save the layout as a template that you can share and use in other projects, where all that changes is the map itself.

### **Check your knowledge:**

1. A ratio scale is a bad idea because:
  - a. *It's hard to understand a ratio*
  - b. *If the map size changes (e.g. enlarged in a photocopier) the scale becomes invalid*
  - c. *It's hard to get a ratio to a round number*
2. Why must the map be projected:
  - a. *The Earth is a globe and our map is flat*
  - b. *Longitude and latitude are polar coordinates, so should not be plotted on a Cartesian plane*
  - c. *Choosing the right projection helps convey the message of the map correctly*
  - d. *So the scale can make sense*
  - e. *All of the above*
  - f. *None of the above*

### **Module video tutorial:**

- [https://youtu.be/Xr0lr\\_oj3gk](https://youtu.be/Xr0lr_oj3gk)

### **Further reading:**

- Inspiration: <https://www.flickr.com/groups/qgis/pool/>
- Map\_production: [http://docs.qgis.org/2.14/en/docs/gentle\\_gis\\_introduction/map\\_production.html](http://docs.qgis.org/2.14/en/docs/gentle_gis_introduction/map_production.html)
- Map\_composer: [http://docs.qgis.org/2.14/en/docs/training\\_manual/map\\_composer/map\\_composer.html](http://docs.qgis.org/2.14/en/docs/training_manual/map_composer/map_composer.html)

Download the sample data for the lesson from [http://changelog.qgis.org/media/images/lesson/worksheet/external\\_data/4b5c6fe6c73d21181dc42466ff0adaaa54a67320.zip](http://changelog.qgis.org/media/images/lesson/worksheet/external_data/4b5c6fe6c73d21181dc42466ff0adaaa54a67320.zip).