

Discover the world behind the food label

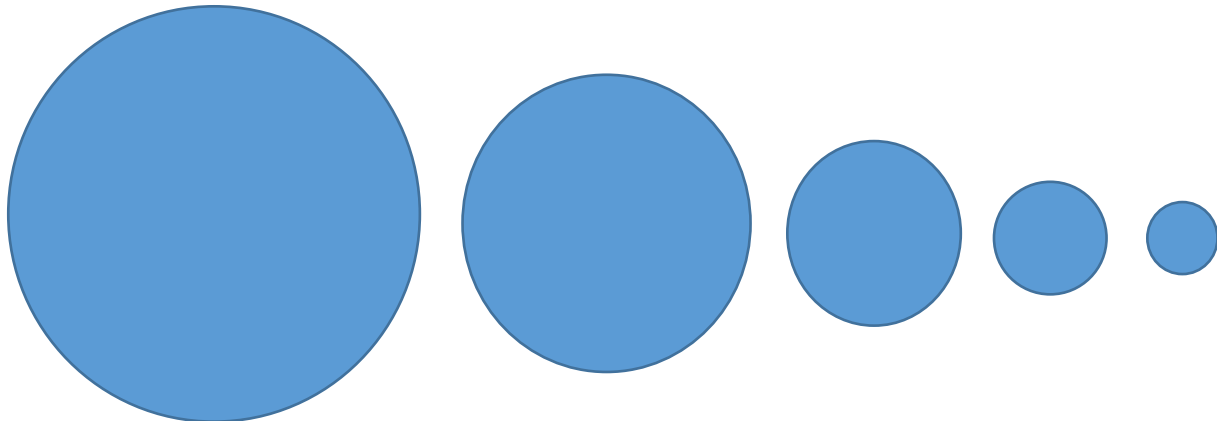
Activity 5:

From where do we get the ingredients in my chocolate?

Resources needed for the activity:

- The wrapper of your favourite chocolate bar.
- A map [You may use Google Maps]
- Computer or mobile phone to do some searches
- Colours

Write the ingredients of your favourite chocolate in the circles:



Questions:

From where do we get these ingredients? Name 1 country that produces these ingredients.

Ingredients	Country that produces this ingredient

Mark the location of these countries on the map in the following page.

Create a key/legend for your map

Ingredients	Key/Legend (Symbol)

Where was this chocolate manufactured?

Can you locate this place on the map?

What symbol will you use to mark this place on the map:

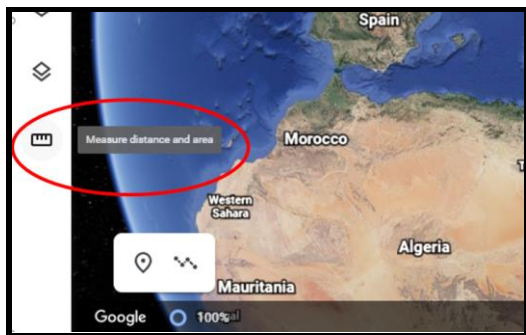
With the help of any of the following links:

Link to Google Earth: <https://earth.google.com/web>

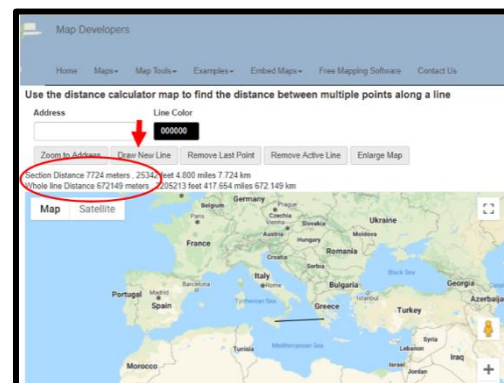
Or

Link to Distance Calculator Map: https://www.mapdevelopers.com/distance_finder.php

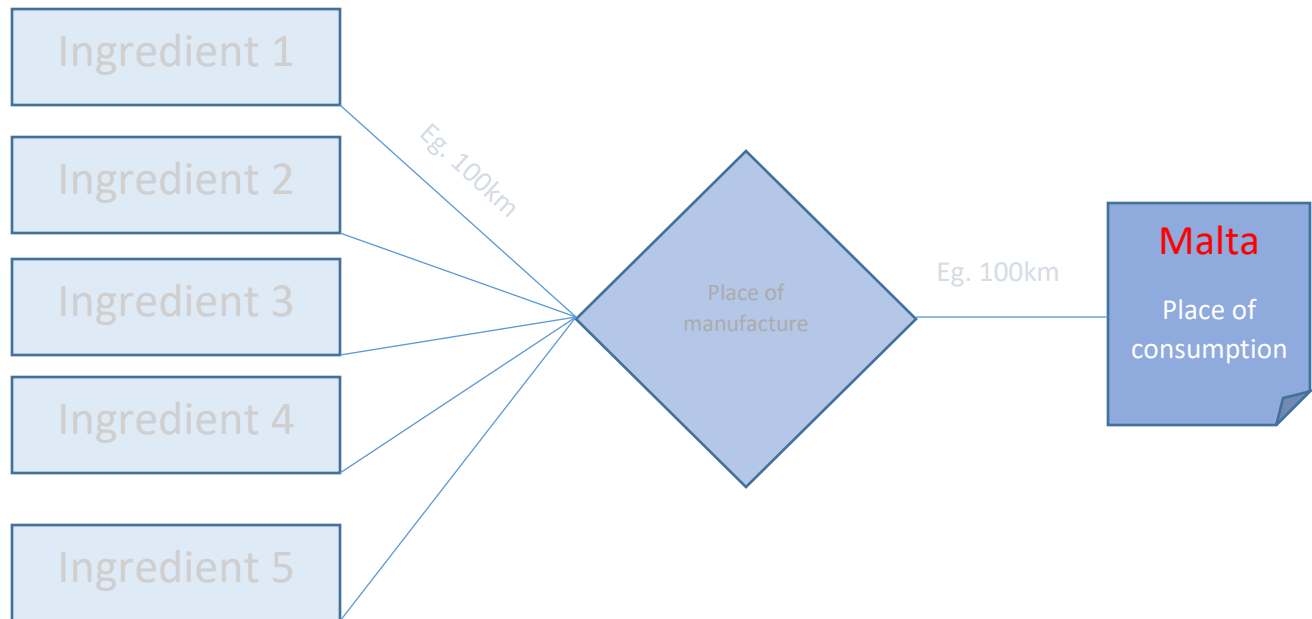
calculate the straight distance of the trajectory of each ingredient from the place of production to the place of manufacture and eventually to Malta for you to enjoy. Write your answers in the diagram below



How to measure distance from Google Maps



How to measure distance from Map Developers



Now you may appreciate that your food travels over long distance. The mode of transport used to transport your food requires the burning of fossil fuel. This contributes to the release of carbon dioxide in the atmosphere. This is referred to as 'Carbon Footprint'.

You can calculate the Carbon Footprint of your family from the following link: <https://ei.lehigh.edu/learners/cc/carboncalc.html>

What percentage does food consumption in your family contribute to the Carbon Footprint in your household? _____

What you eat matters! ...

....not only for your health but also for the environment.