

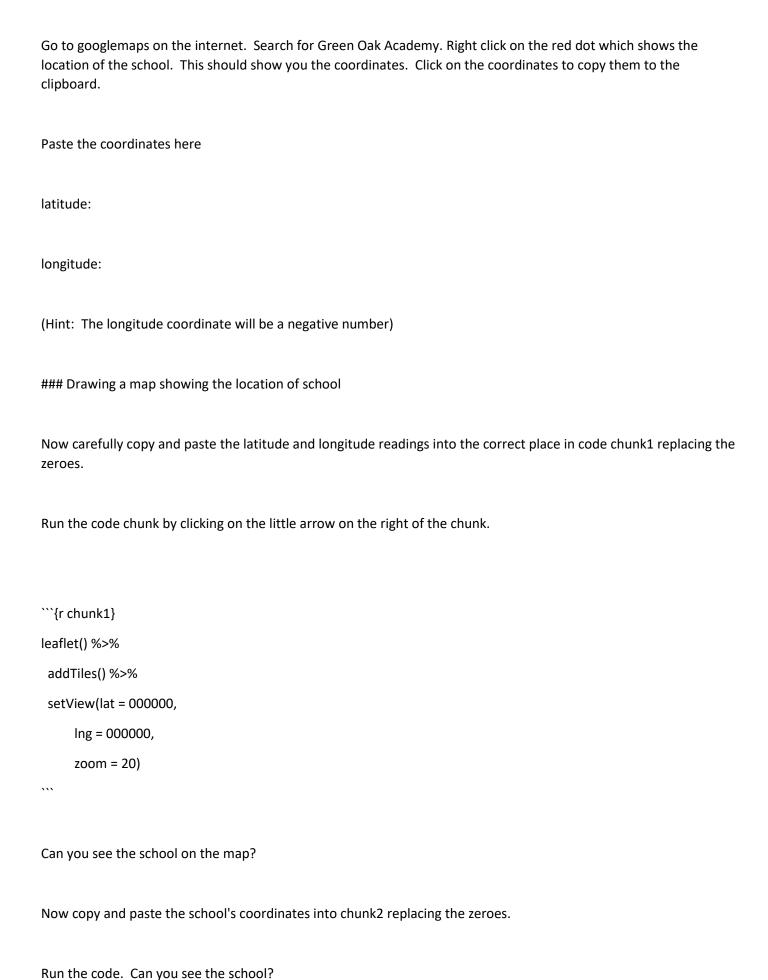
* longitude

R Girls School



title: "Mapping"
author: "Write your name here"
date: "`r format(Sys.time(), '%d %B, %Y')`"
output: html_document
```{r setup, include=FALSE}
knitr::opts_chunk\$set(echo = TRUE)
library(tidyverse)
library(leaflet)
···
## KS3: Using Coordinates to Plot a Map in R
### Lesson objective
To draw a map in R using coordinates
### Success criteria
I can find the coordinates from googlemaps and use them to draw the map in R
### Keywords
* latitude

### Finding the coordinates



```
```{r chunk2}
leaflet() %>%
setView(lat = 00000, lng = 00000, zoom = 16) %>%
addProviderTiles(providers$Esri.WorldImagery)
How are the two maps different?
Answer:
Knit your document and check your output file.
### Mystery Map
Copy and paste the R code from chunk2 into chunk3.
Replace the coordinates with the following
latitude: 21.424931139508526
longitude: 39.82589497119249
Run the code. What do you see? Answer:
```{r chunk3}
...
Knit your document and check the output file.
```

### Extension

Use googlemaps to find the coordinates of Al Masjid an Nabawi.
Copy the code chunk from chunk3 into chunk4 and replace the coordinates with Al Masjid an Nabawi's coordinates
```{r chunk4}
Use googlemaps to find the coordinates of Al-Aqsa Masjid, Jerusalem.
Copy the R code chunk from chunk3 into chunk4 and replace the coordinates with Al-Aqsa Masjid's coordinates.
```{r chunk5}
KNIT YOUR DOCUMENT for the final time. Your teacher will check your work in the final knitted document.
## THE END