

Navigation Exercise – optional (ungraded)

SCIE258

Norwich Science Program

Acknowledgment: this exercise was written by previous SCIE258 instructors and edited by the current instructor.

London is a big city with lots of ways to get around. This exercise asks you to take the tube, a bus and do some walking to begin becoming comfortable moving about the city and familiarizing yourself with the area around our hotel.

Work alone or in small groups (1-3). Don't leave at the same time as another group.

A. Lunch. Get to know your group over lunch around The Old Spitalfields Market. Over lunch use online maps (e.g. Google Maps on your phone or tablet) to complete questions 1-6 and to develop a plan for completing parts B and C. Find the instructor and ask questions if necessary to refine your plan. Note that Old Spitalfields Market does have free wifi.

1. Find the Ridgemount Hotel at 65-67 Gower Street and mark it as a Favorite location in your online map system.
2. Figure out the scale of the maps. When deciding whether to walk or take the Tube or bus to a place on a map, it is important to be able to figure out how far away it is! Find the straight line distance in kilometres and miles from the Ridgemount Hotel to the center of the British Museum.
3. Find Tottenham Court Road on your map. This is an important road as it has lots of useful places including grocery stores (Tesco, M&S, Sainsbury), electronics stores, office supply stores with copiers, banks with ATMs, mobile phone stores, etc. As with many major roads in the UK, this road changes its name as you move along it. What is it called to the north? What is it called to the south?
5. Find Oxford Street on your map. This is another important road with many useful shops. What park is at the western end of Oxford Street?
6. Our hotel is in the Bloomsbury area of London. What is the name of the area of London south of Oxford Street and west of Charing Cross Road?

B. Tube. (For planning bus and tube trips, feel free to use the public transit directions feature of Google Maps, or the journey planner feature at the official Transport for London site, tfl.gov.uk, or any other service that works for you.)

7. Take the Tube from Liverpool Street Station to Angel. What tube lines did you take and where did you change trains?
8. Give the longitude and latitude of where you were when you came out of the tube.

C. Bus. Take a bus from near the Angel tube stop to Tottenham Court Road.

9. What bus line did you take and at what bus shelter (letter) did you catch the bus?
10. Give the longitude and latitude of where you were dropped off by the bus.

D. Walk.

Find and walk to each of the following locations, then answer the associated questions.

Question	Answer
11. What famous scientist lived across from No. 111 Gower St.; what is located there now?	
12. Walk west to Fitzroy Square. Two famous writers lived at No. 29 but not at the same time. Who were they? When did each live there?	
13. Walk northwest to No. 141 Cleveland Street. What "coder" lived there, and for what was this person known?	
14. Walk southeast to No. 32 Soho Square. What famous scientist lived there, and what scientific society met there? Hint: no blue plaque; look to the left of No. 33.	
15. What is the name of the street leading from the west side of Soho Square? What early American college that produces exceptional graduates is located in the town of that name?	
16. Walk south to the Dog and Duck Pub at the corner of Frith and Bateman Streets. On its exterior you will find a clue to the origin of the name Soho. What is its origin?	
17. Walk south to Leicester Square and through to St. Martin's Street. Who lived on St. Martin's Street where the Library now stands?	
18. Walk northeast to No. 12 Red Lion Square. Who lived at Summit House, and what was his important invention? What problem did it solve?	
19. Walk west then north to No. 52 Gower Street. What important event in the history of medicine took place there? In what year did that occur?	

E. Reward.

After you have completed all of the questions, walk to the Marlborough Arms on the corner of Torrington Place and Huntley Street. Find me and turn in your exercise to collect your reward. (I will be there at around 4:45-5:15PM. Text me if necessary to coordinate in more detail.)