

A journey to Ascot mapping activity

Main focus of activity:

- To use mapping technology to find a route
- Investigating the functions of Google maps

Links to curriculum:

ICT key stage 2

Finding things out

- to talk about what information they need and how they can find and use it [for example, searching the internet or a CD-ROM, using printed material, asking people]
- to interpret information, to check it is relevant and reasonable and to think about what might happen if there were any errors or omissions.

Exchanging and sharing information

- how to share and exchange information in a variety of forms, including e-mail

Activity outline:

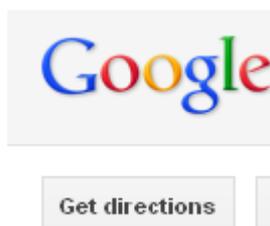
Remind the pupils of the journey to Ascot for the racing that the royal procession would take using the state procession painting as a reminder.

Discuss how we would nowadays plan a route to a place if we were not sure of the route.

Note down all the ways to locate a route that the class suggest.

Explain that we can use the functions in Google maps to get directions and be able to map out the route from the Royal Mews at Windsor Castle to Ascot.

Demonstrate how to use the 'get directions' function on Google maps.



Make pupils aware that the direction functionality can set a route for a car, for a train and on foot.



Discuss which route they think the royal procession would take.

Pupils can then access Google maps for themselves and locate the route from the Royal Mews to Ascot.

Ask the pupils create their own table to compare the route in terms of time taken and distance for all 3 routes by car, train and walking.

Demonstrate how we can also look at the map in a satellite view so that the details of the route can be viewed by clicking the satellite icon.

Also let them experiment with the different information that can be layered onto the map in the form of public transport network, weather and area images.



Discuss as a class the results and how useful the use of this mapping function of Google maps can be.

As a fun plenary activity look again at the written down route for the journey from The Royal Mews to Ascot and discuss how this can be used to aid finding the route needed.

This route has tolls.

A Royal Mews
13 Buckingham Palace Road
London, United Kingdom SW1W 1QH

1. Head **southwest** on **Buckingham Palace Rd/A3214** toward **Bressenden Pl/A302** 138 ft
2. Turn **left** onto **Bressenden Pl/A302**
Leaving toll zone 0.1 mi
3. Keep **right** at the fork
Continue to follow **A302** 0.6 mi

Now show the pupils the route if you try to go from Japan to China

The screenshot shows the Google Maps interface. At the top, there are buttons for "Get directions" and "My places". Below these are icons for different modes of transport: car, bus, and walking. The starting point (A) is "japan" and the destination (B) is "china". A blue "GET DIRECTIONS" button is visible at the bottom of the input area.

This route includes an interesting method of crossing the pacific.

- 11.3 km
- 41. Continue onto 県道350号線
- 3.4 km
- 42. Jet ski across the Pacific Ocean
- 782 km
- 43. Continue straight onto 塘后支路
- 400 m

And New York to Japan

- ← 51. Take the 1st left onto Kalakaua Ave
- 1.9 mi
- 52. Kayak across the Pacific Ocean
- Entering Japan
- 3,879 mi
- ← 53. Turn left toward 県道275号線
- 0.4 mi