

Key stage 3

# Route planning my cycle journey



## Objectives

Learning how to use different mapping tools to plan routes for cycling.  
Use the knowledge gained to plan a route in the local area (extension).

## Session plan

Introduce pupils to the two different route planning tools;  
Google Maps and Komoot.

Use the [route planning my cycle journey PowerPoint](#) to  
discover the key features available in Google maps and Komoot.

Pupils either individually or in a group explore the different features  
of the route planning tools. Tip – if pupils do not have access to  
an ipad or laptop the class can look at the route planning tools  
together on the smartboard.

Pupils fill out the **route planning my cycle journey worksheet**  
and discuss the pros and cons of the different route planning tools.

## Extension

Pupils plan their own route using Google Maps and Komoot.  
Pupils record their findings on the **route planning my cycle  
journey worksheet** extension.

## Inspired by

Sustrans School Officer.



### Time needed

30 mins  
(1 hour with extension)



### Resources needed

[Route planning  
my cycle journey  
PowerPoint](#) and  
smartboard

Route planning my cycle  
journey worksheet

IPads/laptops with  
access to the internet  
(in groups or pairs)



### Solo/Group activity

Dependant on resources

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## Worksheet



### Google maps

Three features of google maps are: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

The five Google map layers are: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

The feature I'd use to plan avoiding air pollution is: \_\_\_\_\_

The feature I think is most useful is: \_\_\_\_\_

### Komoot

Three features of Komoot are: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

The layers in Komoot are: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

The feature I think is most useful is: \_\_\_\_\_

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## Worksheet extension

Using Google Maps and Komoot, plan a cycling route in your local area, making use of the features each tool offers.

The route is going from \_\_\_\_\_ to \_\_\_\_\_

Why did you choose this route? \_\_\_\_\_

### Google maps

My chosen route is \_\_\_\_\_ km with \_\_\_\_\_ m of ascent, and will take \_\_\_\_\_ mins.

How many alternative routes did Google Maps find? \_\_\_\_\_

How did you decide which one to choose? \_\_\_\_\_

Did you make any alterations to your route? If so, why? \_\_\_\_\_

Are there any busy roads along your route (using the traffic feature)? Could you avoid them?

### Komoot

My chosen route is \_\_\_\_\_ km with \_\_\_\_\_ m of ascent, and will take \_\_\_\_\_ mins.

Did Komoot recommend a different route? What was different about it? \_\_\_\_\_

Did you make any alterations to your route? If so, why? \_\_\_\_\_

Do you go along any cycle paths? Which ones? \_\_\_\_\_

Is any of your route unsuitable for certain bikes? For example, is there an off-road section you would need a mountain bike for?

Which tool do you like more? Why? \_\_\_\_\_