

# 100km challenge

Help young people explore the environmental impact of different modes of transport and they could win £100!



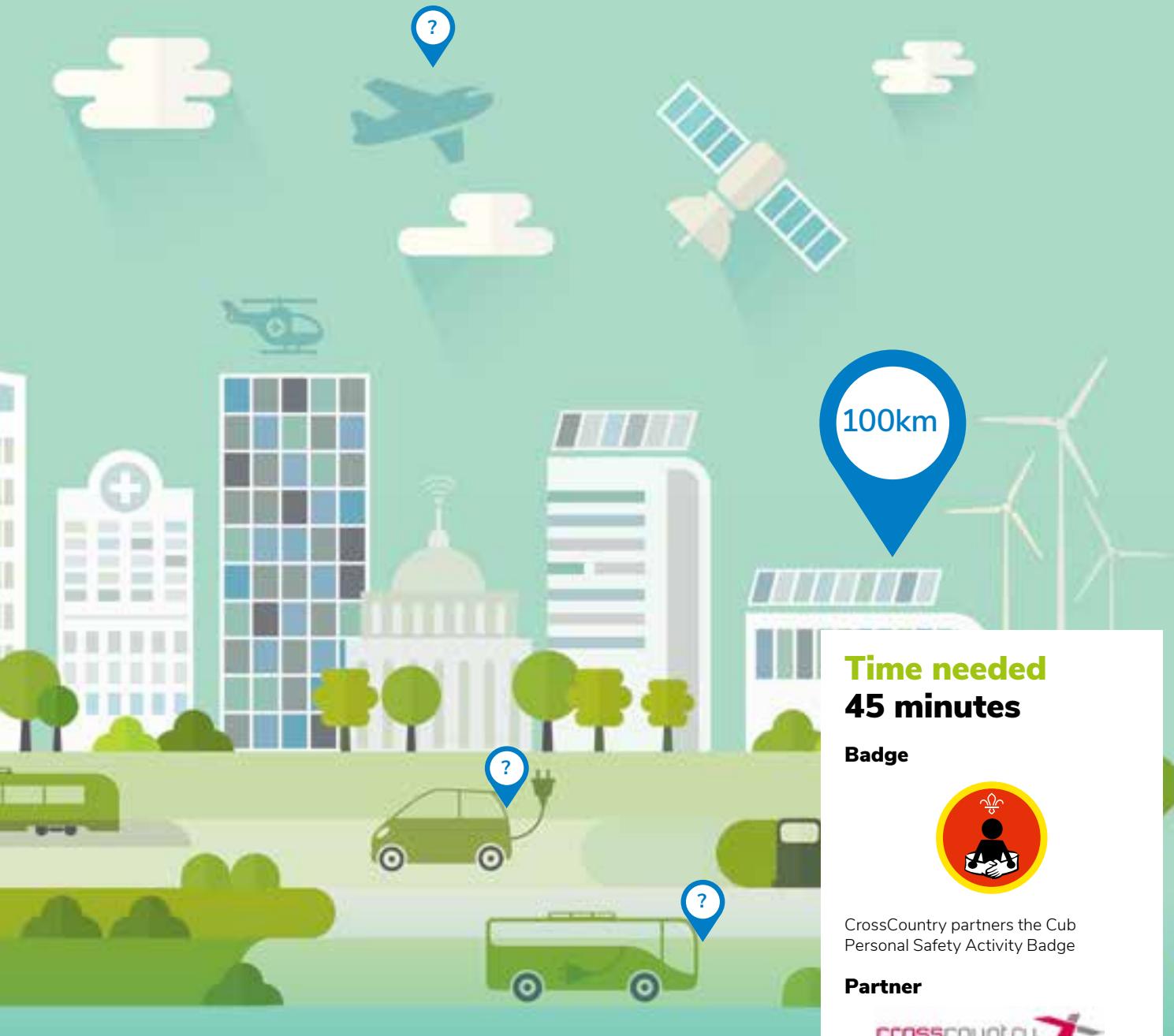
## How big is your footprint?

To calculate your carbon footprint, for each type of transport you plan to use multiply the correct CO<sub>2</sub>/km by the number of kilometres you will travel on each one. Then add these together.



### Instructions

- 1 Explain to the young people that this activity will challenge them to plan a trip and work out its environmental impact.
- 2 Divide them into groups and ask how they would travel 100km from their meeting place or camp.
- 3 They must use at least two types of transport: plane, car, bus or train, from the start to the end point, and be as inventive as possible.



**4** Make sure everyone discusses any potential dangers they might face, like crossing roads and their behaviour at train stations. They must identify at least one each time they change transport.

**5** As a group, they should think about and discuss the potential environmental impact of travelling.

**6** Once their trip is planned, help them to work out the CO<sub>2</sub> emissions of their journey using the figures provided on this page.

**7** Bring everyone back together and see which group had the smallest impact, and how it might be reduced.

**8** The 10 most inventive and environmentally-friendly journeys, as chosen by CrossCountry, will win £100 for their Group! Send your entries to: Freepost RRXU-HUEC-GLLY, 5th Floor Cannon House, 18 The Priory Queensway, Birmingham, B4 6BS by 30/08/2019. Find the terms and conditions at: [scouts.org.uk/crosscountry](http://scouts.org.uk/crosscountry).

## Time needed 45 minutes

### Badge



CrossCountry partners the Cub Personal Safety Activity Badge

### Partner



### Outcomes

Your section will learn the environmental impact of travelling, and how to reduce their own carbon footprint by choosing modes of transport that produce less pollution.

### Taking it further

Ask the young people to come up with a safety code for train passengers.

### More information

For more badge resources, activity sheets and safety guidance visit: [scouts.org.uk/crosscountry](http://scouts.org.uk/crosscountry)