

This is a quiz based on the *Spokes West Lothian & Livingston Cycle Maps 4th Edition, 2018.*

Open the map so that you are looking at the large scale map of Livingston (not the smaller scale map of West Lothian on the reverse side which shows Livingston in the middle).

The scale of this map is 1:10,000. That means one millimetre measured on the map is the same as ten thousand millimetres on the ground.

- 1. a) How many millimetres are in one centimetre?
b) And how many centimetres are in one metre?
c) And how many metres are in one kilometre?
d) If you measure 10 centimetres on the map, how many kilometres would that be on the ground?**

Lay a ruler along the scale shown on the top-right of the map to check your answer to the last question.

In the top-left corner, look at the three map key sections: Multi-use paths, Other routes and Features.

- 2. How many 'Named, signed paths' are listed?**

- 3. a) Looking at the 'Other routes' section, what types of route do you think would be safe to ride your bicycle on?
b) What does 'Cycling prohibited' mean?**

Look carefully at the whole map. Can you find the street where you live?

- 4. Which 'Named, signed path' is nearest to your street?**

Look at the 'Features' section. Let's see if you can find some of the features nearest to where you live. Can you find your school?

- 5. How can you tell if it is a Primary or a Secondary school?**

- 6. a) What 'Named, shared path(s)' would you need to follow to walk or cycle from your home to your school?
b) How many roads would you have to cross (don't count bridges or underpasses)?
c) What types of roads (refer to the 'Other routes' section) would you have to cross?**

Try to measure on the map, the distance from your home to your school. (Hint: you could lay a piece of thread along the route and then use a ruler to measure the length of thread.)

- 7. a) How many centimetres did you measure on the map?
b) How many kilometres would you have to walk or cycle to get to school?**

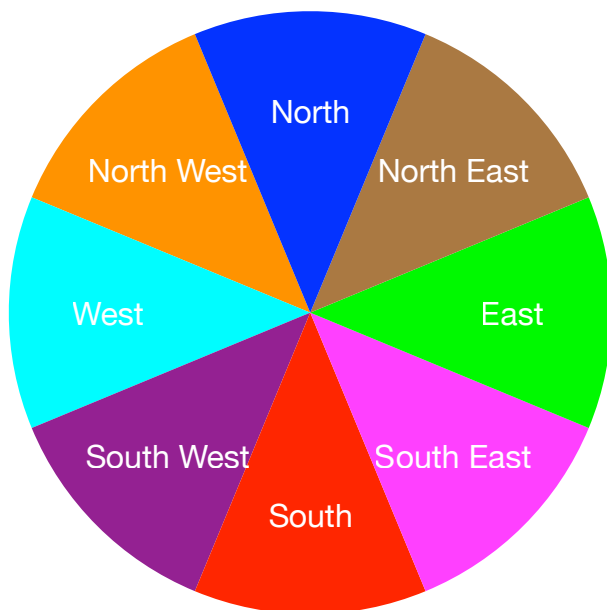
- 8. a) How many Railway Stations are on the map and what are their names?
b) Which railway station is nearest your home?
c) Work out a route that you could safely cycle on from your home to the nearest railway station.**

- 9. What do the following words printed on the map have in common: Howden, Eliburn, Bankton Mains, Letham and Campbridge? (You might have to look very closely to find some of these.)**

- 10. How many large playgrounds can you find marked on the map?**

11. How many libraries can you find marked on the map?

Let's see if you can follow a mystery route along the 'Named, shared path' network. Use this chart to help with directions:



12. Start at the most southerly railway station marked on the map.

- Follow the nearby path that goes in a north westerly direction.
- When you reach a path that goes roughly east-west, turn to keep on your left a pond named after an amphibious creature.
- Cross one footbridge then after the Community Centre but before the next footbridge, turn north on the path running south-north.
- Just past the Supermarket, turn onto the path that goes north west under two underpasses. Follow this path until you come to a Busier road. (You would need to have adult help you to cross this road if you were walking or cycling this route.)
- Cross the road and continue on the path along the lane and across two bridges until you come to a numbered path.
- Turn left and follow the numbered path (which is also a named path) until you reach a named path heading in a northerly direction through a Wooded area.
- Follow the path into the wooded area. What is in the middle of the wood?

The origins of Livingston go back many centuries and the remains and site of some of the oldest buildings are to be found in Peel Park - named after Livingston Peel, a medieval wooden tower structure. Locate Peel Park on the map and plan a safe route that you could walk or cycle from your home to visit the park.

13. a) What feature in the park might you enjoy when you get there?
b) What are the names of all the paths you used to get to Peel Park?
c) Could you have chosen more than one route to get there?

Find Bellsquarry Primary School and Knightsridge Primary School on the map.

14. a) How many routes by Named, shared paths can you find to go from one to the other?
b) How many paths does each of your routes use?
c) Which is the shortest route?
d) Which route has the least right turns?