Learning Scenario: from the XYZ Square (name removed for blind review) to the Public Garden

Note: The parts red by the computer are highlighted in red and preceded by (STEP x), the other parts are read by the O&M instructor

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Today, your will be in charge of taking « Loco », whom you will find at the tram station at XYZ Square on the C line, to meet her friend « Motion », whom you will find at the central entrance to the Public Garden on ABC street (name removed for blind review).

Your starting point is: the C line tram station on XYZ Square.

Your finishing point is: « Motion », at the central entrance to the Public Garden.

Your mission is to help Loco find Motion.

To do so, Loco's journey will have to be split into two parts:

- The first part on the tram
- And the second part on foot

Let's get started!

From the starting point, trams can travel in two different directions: travelling downwards on the C line will take you to AAA (removed for blind review). Travelling upwards takes you towards the BBB (removed for blind review).

Question 1:

In your opinion, in which direction should Loco travel to find Motion ?

Answer: ☐ upwards / to BBB ☐ downwards / to AAA ☐ I don't know

That's right, Loco should go upwards, towards BBB.

Question 2:

In your opinion, at which tram station should Loco get off in order get closest to Motion ?

Answer: _____

That's right, Loco ought to get off at the Public Garden tram station.

(STEP 1) Now, on the map, place the route that Loco takes to get from the tram station at XYZ Square to the Public Garden tram station. Loco is going to help you with this: Just after getting on the tram,

Loco feels a sharp right hand bend, a right angle in the tram line. Now, as it passes by the CCC monument (name removed for blind review), the tram veers slightly to the left. Then, the tram continues in a straight line until it reaches the Public Garden tram stop, where Loco alights.

(STEP 2) Now place the Public Garden tram stop on the map.

(STEP 3) Well done! The first part of the journey is complete! From now on, Loco will have to walk in order to reach Motion: Between the tram stop and the Public Garden there is triangular block of houses. Place the block of houses on the map.

Question 3:

Loco must now think of a way to meet up with Motion on foot! What route can you think of for Loco? How many different ways are there for Loco to find Motion?

Answer: _____

Yes that's right, there are two possibilities.

Loco has decided to walk round the sharpest angle of the block of houses, round the most acute angle of the triangle.

Question 4:

How many times will Loco have to change direction while walking to meet Motion?

Answer: _____

Indeed, there will be only one change of direction. Loco will have to go straight on then take the first street on the left. Loco will then find both the entrance to the Public Garden and Motion on the sidewalk on the right.

Question 5:

But before doing all that, it is essential that Loco should analyze his starting point! For what reasons?

Answer : _____

That's right, he must do this in order to be able to recognize his starting point should he wish to return afterwards.

Question 6:

In your opinion, what landmarks could Loco use as his starting point?

Answer: _____

Question 7:

Now, in order to avoid any nasty surprises, Loco is going to have to do some serious thinking before plunging head first into his journey …

Hmm … What shape will Loco's route be? … How many times and where will he have to cross the road? … In your opinion, on which sidewalk should Loco start to begin his journey? … And what does Loco need to do in order to leave the tram station and find the right sidewalk in the street to be able to start his journey on foot?

Answer: _____

Loco must start on the left hand sidewalk because his first turn will be down the first street on the left.

That's right, Loco has to cross the tram tracks and the road in order to get to the correct sidewalk and begin his journey.

(STEP 4) Now, on the map, place this tram crossing and the first part of the journey up to the tip of the triangle.

Question 8 :

Once he has found the first street on his left, what must Loco do?

Answer: _____

He must remember the features that characterized the first part of his journey. Then he must analyze the junction.

Question 9 :

OK, but should he cross over?

Answer: _____

Yes, he must cross over onto the right hand sidewalk in order to find the entrance to the Public Garden and his friend Motion.

(STEP 5)Now place Loco's crossing on the map and trace the end of the journey so that Loco is able to meet up with Motion.

Well done! You have managed to lead Loco all the way to Motion. And don't forget, Loco, you should try to remember the characteristic features that mark the different parts of your journey, and the landmarks that indicate your starting and finishing points. And above all, remember your junctions and the crossing techniques that you used!