

Station 1

Level (a)

Complete the sequence of colours; green, orange red, green,,.....,.....,.....,

Level (b)

If the sequence of lights goes green, orange, red, and repeats in this sequence continuously, what colour will the 10th, 34th and 100th lights be?

Level (c)

If the distance from one set of lights to the next is approximately 100m, count how many seconds it takes a car to travel this distance.

Estimate the speed of the car in m/s.