Methodology

I am going to investigate burgess land use model and relate it to Blaydon. I aim to establish if Burgess Model is an appropriate device to use when investigating towns nowadays. I started my investigation by going to Blaydon town centre to record the different types of and use. I then walked up the streets of Blaydon until I reached the periphery. I tested three hypotheses. They were land use, housing age and the quality of life. I have done this by stopping every one hundred metres and using the given area as a sample site. I recorded thirty sample sites in total. I can be sure that there was a 100 metre gap between each sample site because the route was already planned before we left and our teacher told us when to stop each time by using an A3 transect route, which is attached. In order to gain accurate and precise results, we divided ourselves into groups of three. We rotated the jobs of collecting the information among our group to give everyone a chance to find data for every part of the investigation. At the end of the investigation, our group got together and shared our results.

In the investigation we aimed to test the hypothesis "Land use will change with increasing distance from the CBD". In order to test this we need to find out how land is used between the centre of Blaydon and the periphery. I recorded this information on an A3 map of the area with the transect route marked on. As I walked to each sample site, I recorded the information on the map by annotating it. I did this by marking specific points on the map e.g. the car wash and petrol station. The only major problem with this part of the data collection was determining if certain properties were industrial or residential.

Also in this investigation, we aimed to test the hypothesis "Housing age will become younger with increasing distance from the CBD". To test this hypothesis, we needed to find out the age of houses and their position in relation to the CBD of Blaydon. I recorded the age of houses on the A3 map next to where they were located on an information sheet. When we stopped at each sample site, the teacher told us the ages of houses which were very useful in order to collect some reliable data.

We also aimed to test the hypothesis "Quality of life will improve with increasing distance from the CBD". To test this, I did an environmental survey at each sample site. I did this by giving a site penalty points according to quality of life in that particular area, six points being the worst and zero being the best. The factors that I tested each sample site on were landscape quality, if the land was industrial or environmental, the quality of housing, noise level, traffic flow, air pollution and amount of litter and vandalism. I recorded this information using an environmental survey sheet, and then used that information to create a bar chart. The bar chart will show all the information collected, this bar chart will be included in the Data Presentation.

Overall, this investigation worked well and I recorded all the data required. I aimed to establish if the Burgess land use model is relevant in towns today. I done this by using my hypothesises to test whether housing age, quality of life and land use will all change when increasing distance from the CBD. The only problem we encountered was when we rotated jobs, the results varied as it relied on people's opinions which will differ.