**Student Planning Form**

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| Student Name |  |
| Proposed independent Investigation title |  |
| Link to exam board specification  e.g. 3.2.3.4 Urban climate The impact of urban forms and processes on local climate and weather. Urban temperatures: the urban heat island effect. Precipitation: frequency and intensity. Fogs and thunderstorms in urban environments. Wind: the effects of urban structures and layout on wind speed, direction and frequency. Air quality: particulate and photo-chemical pollution. |  |
| Research questions/hypotheses  Keep it really simple and directly linked to the data you are planning to collect  e.g. pebble size will be greater on the backshore and smaller at the foreshore  or  Place X will have a higher crime rate than place Y |  |
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| What are the geographical theories associated with your investigation e.g. theory of LSD or process of suburbanisation |  |
| Proposed location for data collection  Go onto ArcGIS and produce a map showing the location and sampling points that you would use. |  |

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| Risk assessment and ethical issues and concerns to consider |  |
| Methods of data collection:  Primary  Secondary  Quantitative  Qualitative  Systematic  Stratified  Random  Pragmatic |  |
| Possible methods of data presentation (including statistics) |  |