**Stage 2 Geography**

**Assessment Type 1: Geographical Skills and Applications**

**Population Change**

**Purpose**

Research the current and future population structure for a selected country. Analyse and evaluate data to describe and explain the changes in the population structure, and suggest future implications of the changes for the government of your selected country.

**Assessment Description**

* + - Select one country to investigate the current population structure and that for 2050.
    - Access the resources such as <http://www.populationpyramid.net> and <http://geosim.cs.vt.edu/Java/IntlPop/> to access data on the current population structure and run simulations for the 2050 population structure.
    - Draw a current population pyramid and one for 2050 using data from sources such as the CIA World Fact Book at <https://www.cia.gov/library/publications/resources/the-world-factbook>,the World Bank data for population predictions at [http://datatopics.worldbank.org/hnp/popestimates#](http://datatopics.worldbank.org/hnp/popestimates)
    - Research other sources of information to identify reasons for changes in the population structure of your chosen country and the possible implications these changes may have for the government of the country.

**Assessment Conditions**

* Create a multimodal fact file either as a movie clip, vlog or blog, webpage, or any other appropriate presentation.
* Your presentation should include:
  + - a short introduction to your selected country: location, total population, economic development
    - a current population pyramid for your selected country – drawn from data
    - a population pyramid for 2050 for your selected country – drawn from data
    - detailed description and explanation of the changes in the population structure between now and 2050
    - analyse and evaluate the pyramids to suggest possible implications of these changes for the government
    - any other appropriate visual representations including graphs, diagrams, maps.
* Your presentation should be to a maximum of 750 words or 5 minutes.
* The specific features being assessed are:

KU2 Knowledge and understanding of environmental, **social, and economic** change.

AE2 Analysis and evaluation of information to determine possible outcomes and make justifiable and ethical recommendations, form conclusions, and solve problems.

Ap1 **Application** and/or evaluation **of geographical** and fieldwork **skills**, including the use of spatial technologies, to identify and examine geographical issues.

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| - | Knowledge and Understanding | Analysis and Evaluation | Application |
| A | Comprehensive knowledge and understanding of geographical concepts.  Comprehensive knowledge and understanding of environmental, social, and economic change. | Insightful analysis of the complex interactions between, and interdependence of, people and environmental, social, and/or economic factors.  Comprehensive analysis and evaluation of information to determine possible outcomes, make justifiable and ethical recommendations, and/or form conclusions, and/or solve problems. | Purposeful and sophisticated application and/or evaluation of a variety of geographical and fieldwork skills, including the use of spatial technologies, to identify and examine complex geographical issues.  Clear and coherent communication of relevant geographical information and findings, using appropriate subject-specific terminology and visual representations. |
| B | Well-considered knowledge and informed understanding of geographical concepts.  Well-considered knowledge and informed understanding of environmental, social, and economic change. | Thoughtful analysis of the complex interactions between, and interdependence of, people and environmental, social, and/or economic factors.  Detailed and well-considered analysis and evaluation of information to determine possible outcomes, make justifiable and ethical recommendations, and/or form conclusions, and/or solve problems. | Well-considered application and/or evaluation of different geographical and fieldwork skills, including the use of spatial technologies, to identify and examine geographical issues.  Clear communication of relevant geographical information and findings, using appropriate subject-specific terminology and visual representations. |
| C | Considered knowledge and informed understanding of geographical concepts.  Considered knowledge and informed understanding of environmental, social, and economic change. | Considered analysis of aspects of the complex interactions between, and interdependence of, people and environmental, social, and/or economic factors.  Considered analysis and some evaluation of information to determine possible outcomes, make recommendations with some ethical considerations, and/or form conclusions, and/or attempt to solve problems. | Competent application and/or evaluation of geographical and fieldwork skills, including the use of spatial technologies, to identify and examine geographical issues.  Competent communication of generally relevant geographical information and findings, using mostly appropriate subject-specific terminology and visual representations. |
| D | Recognition and basic understanding of some geographical concepts.  Basic awareness and some understanding of aspects of environmental, social, and/or economic change. | Superficial consideration of an aspect or aspects of the basic interactions between, and interdependence of, people and the environmental, social, or economic factors.  Superficial consideration of information to describe possible outcomes and recommendations. | Some basic application and/or evaluation of some geographical and fieldwork skills, which may include the use of spatial technologies.  Basic communication of some geographical information and findings, using occasional subject-specific terminology and visual representations. |
| E | Identification of one or more geographical concepts.  Emerging awareness of aspects of environmental, social, and/or economic change. | Limited recognition and description of the basic interactions between people and the environment.  Description of information linked to a possible outcome or recommendation. | Limited application and/or evaluation of geographical and fieldwork skills.  Attempted communication of geographical information and findings, with limited use of subject-specific terminology or visual representations. |