






Population Studies

A Programme of Study for Year 7 Geography
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Population Studies

This Scheme of Work has been written by Humanities teachers at Quintin Kynaston School with an emphasis on achieving understanding of the subject rather than simply a drive to complete a syllabus. It is designed for our multi-cultural student body spanning a range of abilities. Wherever practicable we prepare **Differentiated Resources** (indicated by a  symbol) for students with Special Needs, those who are early English learners and for gifted and talented students. Further work is in hand on these. We also take into account National Strategies: specific tasks are indicated by  for **Literacy**,  for **Numeracy** and  for **Information Technology**. Topics supporting **Citizenship** are marked . This Scheme of Work will be reviewed and revised in due course.

In this unit students will study the different aspects of population. They are able to gain an understanding of population growth patterns, age structure and distribution through a variety of investigations (at local, national and international levels). The students are also required to use different geographic methods to present data - including bar graphs, line graphs, population pyramids and population distribution maps. Through this unit students will gain an understanding of the

relationships that exists between population growth, economic status and environmental sustainability. This will allow students to become more active thinkers in their society through a better understanding of world issues.

Year 7 Project

English, Geography, History and Religious Education are taught by form Tutors in Year 7 in a Project to ease the transition of pupils from primary school. Students have fewer teachers than in later years and have to move around the site less. Tutors are members of the English and Humanities Faculties although not specialists in all the subjects taught in the Project.

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Abbreviations

LEDC - Less Economically Developed Country

MEDC - More Economically Developed Country

OHT - OverHead Transparancy

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Key Question	Learning Objectives	Key Vocabulary	Suggested Activities	Resources	Homework
1. Are we evenly spread?	To construct a population distribution map	Densely populated Key Population density Population distribution Sparsely populated	Population Distribution map of the UK.	OHT - Key terms.	Title page for Population Studies.
2. What does population density tell us about a country?	To understand that <input checked="" type="checkbox"/> some countries are more densely populated than others		① Population Density exercise according to scale and population.	Skeleton map UK population distribution Worksheet: outlines of selected countries	
3. How big are cities in the UK?	To understand the characteristics of a large city ① To construct a bar chart according to geographic conventions To know which are the largest cities in the UK and the world	Axis Characteristics Scale	Brainstorming on characteristics of large cities using London as an example. What do we have here that are not found elsewhere? ① Construct a bar graph showing the population size of UK cities. (colour bars in to resemble buildings - ie the larger the building the more people in it).	Graph paper OHT - population size of UK and world cities	① Bar graph showing the population size of world cities.

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4. What affects where we live?	To understand how positive and negative factors contribute to population size. To interpret photographic material To understand what characteristics lead to ① a high population density	Interpretation Negative factor Positive factor	OHT activity 📖 association of characteristics as positive or negative to be completed in tables in books. Hot potato with photographs (each depicting an area with characteristics leading to being densely/sparsely populated.	OHT - negative and positive factors. Photo set of selected areas. H/W sheet	H/W sheet Character-istics of population
5/6. What is population density and what does it tell us?	① To calculate population density To construct a map showing the population density of London Boroughs using ① their own key	Area Calculate Population Density	② Calculation of population density of London boroughs based on real data and show this on a map of London by shading	Calculators Worksheets on Population Density Skeleton map of London boroughs	
7. What are the differences between MEDCs and LEDCs?	☒ To understand that people throughout the world live their lives differently, some with a lot and others with very little. To state specific population characteristics of MEDCs and LEDCs	Developed LEDC MEDC Poor world Rich world	Brainstorming on the differences between the rich and poor worlds. Cut and paste activity to match ☒ characteristics of rich and poor and countries. Video: "Rich world = poor world". Summarise differences in lives shown in the story (as a table?)	Video and Worksheet (cut & paste)	







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8. How do I calculate natural increase?	<p>📖 To understand key population terms</p> <p>① To calculate the rate of natural increase in selected countries</p>	<p>Birth Rate</p> <p>Death Rate</p> <p>Natural Increase</p>	<p>OHT: Teacher explains the terms</p> <p>① Calculate Natural Increase (🕒)</p>	<p>OHT - key terms</p> <p>① Worksheet: Calculating natural increase.</p>	<p>Worksheets: 📖</p> <p>Looking at population terms.</p>
9. What are the challenges of population growth?	<p>To explain what problems are occurring and may occur in the future due to population increases</p> <p>☒ To associate environmental consequences with population growth</p>	<p>Baby boom</p> <p>Optimistic</p> <p>Pessimistic</p>	<p>📖 Read through newspaper articles together, explain key vocabulary and definitions.</p> <p>Complete activities and questions about the articles.</p> <p>☒ Construct a poster explaining how some environmental problems in the future may be avoided.</p>	<p>Articles and Worksheet: Challengers of population growth</p>	
10/11. How has the world's population changed? Has this caused any problems?	<p>① To construct a line graph showing the change in the world's population.</p>	<p>Explosion</p> <p>Line Graph</p> <p>Population</p>	<p>Construct a line graph showing the world's population explosion. Watch video (20 mins) "The Population Problem" Complete worksheet questions.</p>	<p>Video and Worksheet</p> <p>Graph paper</p> <p>Table of world population data</p>	
12. What are population pyramids?	<p>To understand what a population pyramid is</p> <p>① To construct their own population pyramids</p> <p>To suggest whether a population pyramid represents an MEDC or an LEDC</p>	<p>Population Pyramid</p>	<p>Use OHT to explain some examples of a population pyramid.</p> <p>Use population data to construct two population pyramids</p> <p>Model example of graph paper on OHT.</p>	<p>OHT</p> <p>Graph paper</p> <p>Population data.</p>	<p>Complete second population pyramid</p>

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13. What are some of the world's population issues?	<ul style="list-style-type: none"> ☒ To understand how large populations of India, China are ☒ To understand problems due to displacement of people (refugees) ☒ To understand how the world's wealth is divided up 	<p>Environmental impact Fertility rate Refugee</p>	<p>Watch video "World population issues" (28 mins) Complete worksheet.</p>	<p>Video and Worksheet</p>	
14/15. What is migration? Why is America a population destination?	<p>To understand key migration terms</p> <ul style="list-style-type: none"> ① To interpret statistical information <p>To explain "push" and "pull" factors of migration</p>	<p>Migration Pull factor Push factor Seasonal Temporary</p>	<p>Explain key terms on OHT. Brainstorm ideas of Push and Pull factors. Students are to complete activities looking at the specific case study of migrating to America. (☉ extension work)</p>	<p>OHT - terms. Worksheets "Why migrate to America?" Homework sheet</p>	<p>HW sheet: Push and pull factors of migration</p>
16. What are the effects of migration?	<ul style="list-style-type: none"> ☒ To understand that it can have a negative or positive impact on the migrant and a positive or negative impact on the country <p>To understand the economic reasons for migrating to America</p> <ul style="list-style-type: none"> ☒ To identify some social issues involved in migration 	<p>Negative factors Positive factors</p>	<ul style="list-style-type: none"> ☒ Teacher leads discussion of the influence that migration can have on the migrant and the place. <p>Continue case study work on America focusing on looking at both sides of the migration issue.</p> <ul style="list-style-type: none"> ① Rank in order of importance the good and bad points of migration. <p>(☉ extension work)</p>	<p>Worksheet with resource material : "Looking at America's migration issues." HW sheet</p>	<p>HW sheet: What are the effects of migration?</p>

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17. What types of migration are there?	To identify the reason why people migrate To identify the differences between push and pull factors of migration	Forced migration Rural-urban migration Urban-rural migration Voluntary migration	Give each group an envelope. For each case study they decide what factors contributed to each person migrating. Students take on the role of one of the case studies and  write some short diary entries describing some of the events that lead up to that person's migration.	Envelopes containing 10 case studies on card A4 piece of paper for data collection HW sheet	HW sheet: Migration to the USA and Canada.
18. What is the one child policy in China?	To identify why China had to adopt a one child policy  To interpret data from a series of line graphs.  To know how to spell the key words from this Unit.	Policy, Family planning, Population control.	Read through China's population policy timeline. Answer questions looking at China's population history. ( extension activities)  Spelling test of key words.	China case study resources. Spelling lists	
19. How much have I learnt about population?	Self-testing students' knowledge of topics covered. To complete a flow chart explaining why some areas have less population.		Complete revision exercises looking at population distribution.  Students construct their own wordsearch with questions with hidden answers.	Revision worksheets	
20. How well do I understand this Unit?	To understand their level		Students to answer quiz questions in their books.	Population Quiz	Revise for Exam
21. End of Unit Exam				Population Exam	