

Humanities Streaming Talk - Geography



GEOGRAPHY

Sense of Place

Every Place
is "Unique"

WHAT is WHERE?

↓
Features of
the Earth

↓
Absolute

↓
Physical
features (nature)

↓
Relative
Patterns

↓
Human features

↓
Areas

↓
Culture

↓
Regions

↓
PLACE

↓
**LOCATION
REGION**

WHY THERE?

Connections - Interrelationships - Processes

WHY CARE?

Importance - Relevance - Action/Reaction

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*Geography:
The inter-relationship
between People and
the Physical
Environment*

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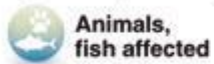
Explain the impacts of climate change.

Climate change effects around the world

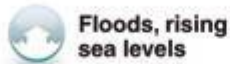
More flooding and wildfires, decline in crop yields and fish catches and water shortages are among the risks from rising temperatures, according to a new UN report.

Significant impacts of global warming

Higher temperatures pose risks to health and economy worldwide, and especially in poorer areas



Animals,
fish affected



Floods, rising
sea levels



Water
shortages



Crop
changes



Wildfires



Melting ice



Source:
Intergovernmental Panel
on Climate Change
Graphic: Pat Carr,
Robert Dorrell

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Using Fig. 1, describe how mean global temperature has changed from 1800 to 2003. [3]

Changes in mean global temperature from 1800-2003

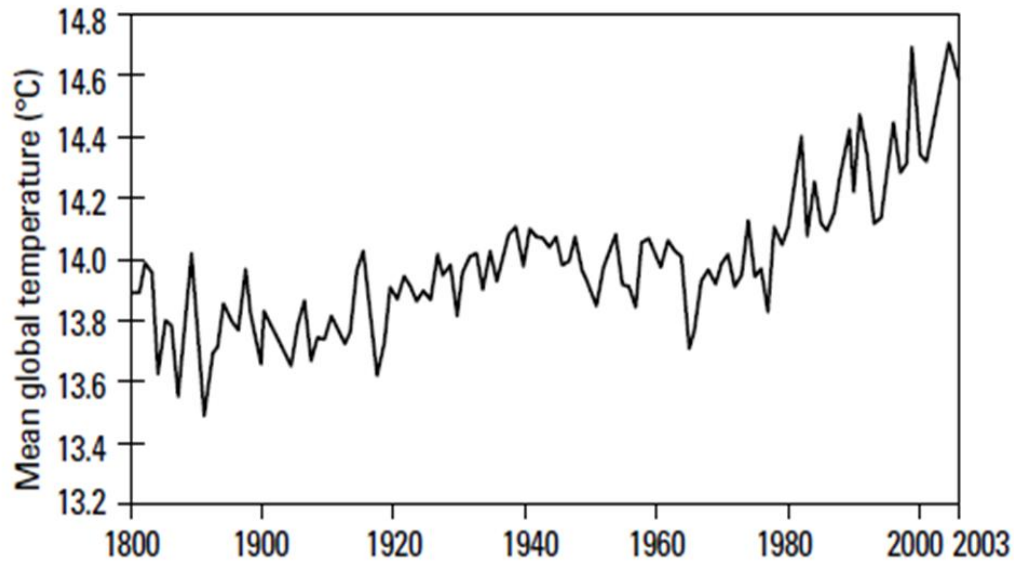


Fig.1



“Deforestation is the main cause of the enhanced greenhouse effect.”

To what extent is this statement true? Support your answer with examples. [6]





Humanities (Geography)

Topics

Geography in Everyday Life

- Thinking Geographically
- Sustainable Development
- Geographical Methods

Climate

- Weather and Climate
- Climate Change
- Climate Action


Bite-Sized Fieldwork





4 periods over 2 weeks.

Paper 1 (Social Studies) = 50%
Paper 2 (Geography) = 50%
Total = 100%





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Skills required for Geography

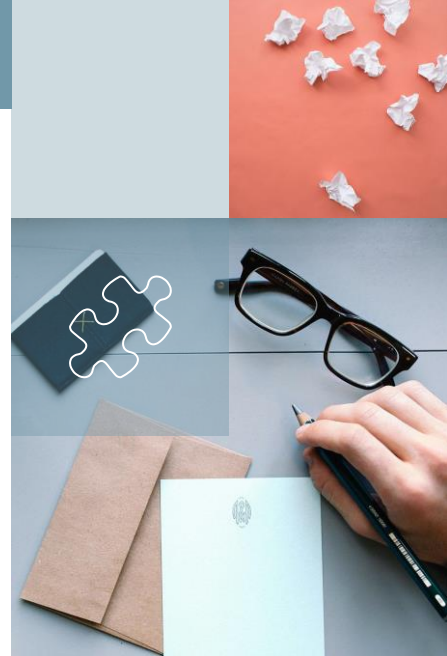
What skills are required for Geographers?

Importance

Skills

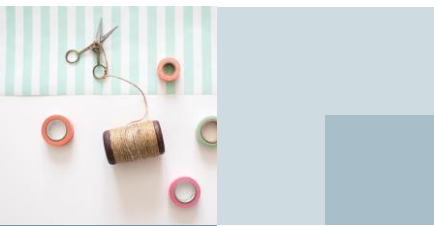
- Reading Comprehension - Understanding written sentences and paragraphs in work related documents.
- Writing - Communicating effectively in writing as appropriate for the needs of the audience.
- Speaking - Talking to others to convey information effectively.
- Active Listening - Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times.
- Critical Thinking - Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.
- Active Learning - Understanding the implications of new information for both current and future problem-solving and decision-making.
- Judgment and Decision Making - Considering the relative costs and benefits of potential actions to choose the most appropriate one.

- Content concepts
(space, place, scale, environment)
- Skills concepts
(describe, explain, analyse, evaluate, discuss)





What can I do
in future?



ENERGY & UTILITIES

By 2023, it's estimated that this industry's workforce will need to increase by more than 200,000 people due to renewable power introducing a wider range of jobs.

CAREER PATHS

- Petroleum Engineer
- Geochemist
- Mudlogger



AGRICULTURE

Between 2010 and 2020, it's estimated that the agriculture industry will need 200,000 extra employees.

CAREER PATHS

- Farmer
- Tree Surgeon
- Farm Worker
- Ecologist



EDUCATION

People who work in education (especially teachers) have one of the highest rates of job satisfaction in the UK. 78% of teachers say they enjoy their job.

CAREER PATHS

- Geography Teacher
- Private Tutor
- University Lecturer



SCIENCE & RESEARCH

It's predicted that in the next few years, 1 in 4 jobs will have been created by science and research - leading to 140,000 new science jobs by the end of 2018.

CAREER PATHS

- Research Scientist
- Geologist
- Statistician



PUBLIC SECTOR

Although the amount of jobs in this sector has decreased in recent years, there is a demand for those with good digital and computer literacy.

CAREER PATHS

- Member of Parliament (MP)
- Civil Servant
- Environmental Health Officer



CONSULTANCY

In the future, consultants with skills and knowledge in digital technology, financial services, retail and infrastructure will be in high demand.

CAREER PATHS

- Management Consultant
- Data Analyst
- IT Consultant

WHERE CAN GEOGRAPHY TAKE YOU?

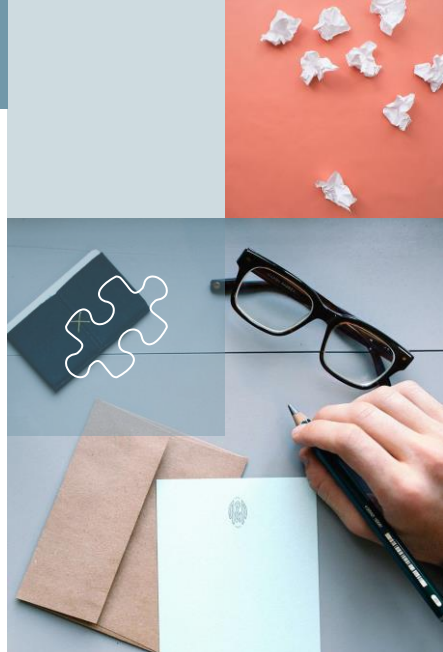
Want to learn more? Go to

www.successatschool.org

Data Sources: LinkedIn, Guardian CPS, Quora, IET, Department for Media, Culture & Sport, Bright Grid, ONS



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WHY DOES GEOGRAPHY MATTER?

Currently, there is no federal funding for geography education in the United States. But, knowledge of geography is important to more than just mapmakers and teachers. Geography concepts affect the decision-making of professionals in hundreds of careers. Here are just a few.

Diplomat



- Diplomats can be posted anywhere in the world
- Knowledge of economics, agriculture, education and democracy required

Operations Manager



- Oversees, designs and controls business operations and production processes
- Often required to work out logistics of shipping and trading around the world

Fashion Designer



• Uses knowledge of climate and seasons, as well as understanding of where to source different fabrics and textiles

- Geography develops initiative, technical skills, ability to follow through on creative ideas

Park Ranger



• Understanding of the physical landscape is essential

- Degree in geography, conservation or environmental studies is useful

Pilot



- Must understand routes, weather patterns, and technical maps
- Geography develops critical thinking skills and evidence-based decision-making

Sustainability Director



• Has to figure out how to make business more earth friendly while remaining profitable

- Being appointed by more and more companies to take charge of their environmental programs

Ecologist



• Geography develops ability to record, analyze and present data

- Must understand how humans, animals and plants interact with their environment

Weather Forecaster



• Must know where different countries and regions are located

- Requires ability to understand meteorology and weather patterns
- Geography can also develop presentation skills

Urban Planner

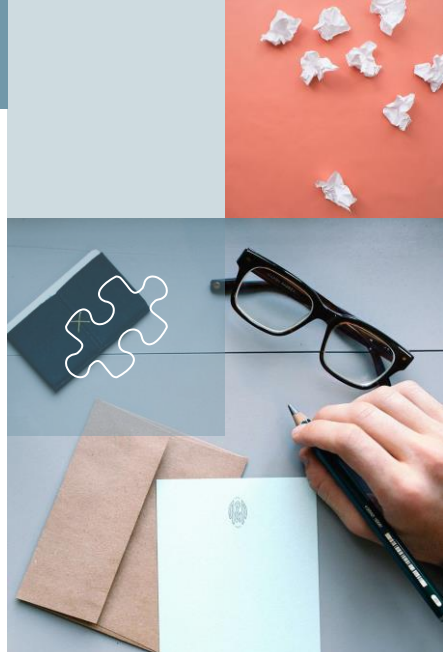
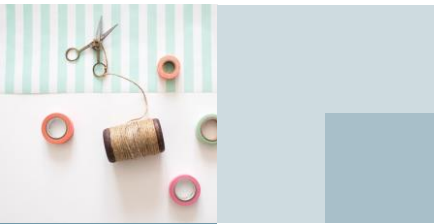


- Urban planning is a specialized area of human geography, focused on land use and design of towns and cities
- Requires a degree in urban planning; professional certification also desirable

Agriculturalist



- Must understand physical geography and global food systems
- Geographical skills are the basis of agricultural science



Any questions?

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