



UNIVERSITY *of* CAMBRIDGE
International Examinations
Excellence in education

An Interconnected World

Ann Puntis

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It's an interconnected world – certainly in terms of curriculum policy...

Shared themes
emphasise



Global integration



Creativity, critical thinking, problem solving



Collaborative approaches



Information and ICT literacy

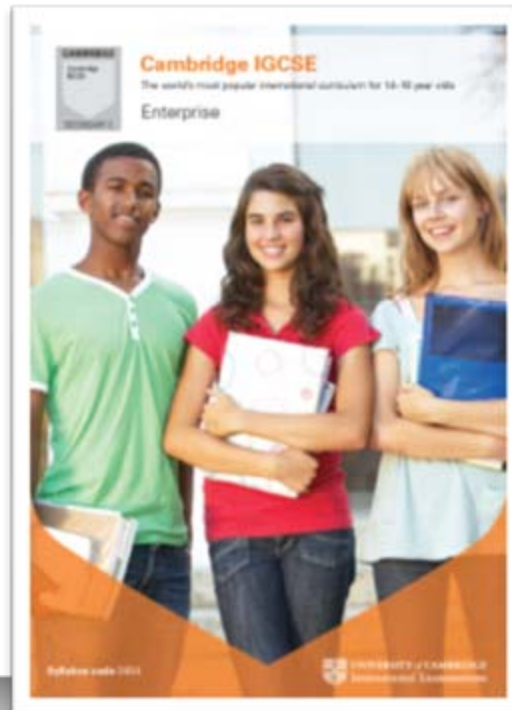


Global citizenship

A Framework of 21st Century Skills



Commitment to the Framework of 21st Century Skills



Opening minds to the complexity of the world and human thought...

...offers students the chance to analyse the opportunities facing a nation destined to be one of the great powers of the 21st Century (IGCSE India Studies)





An important point...

المسامح كريم

行事要分轻重, 事事深思后而行。

*Tirar el grano con
la paja*

Don't throw the baby out with the bathwater...



21st Century Skills Agenda - an alternative view

Mathematical
understanding

Scientific
knowledge

Multi-lingualism

Literacy

Creativity

Historical
understanding

Geographical
awareness

Critical
appreciation



Deep understanding of curriculum and assessment goals...

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5 Fig. 7 shows the population density and fuel used per person for travel in cities. The cities are in North America, Australia, Europe and Asia.

Fig. 7

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For Examiner's Use

(a) (i) Which city uses least fuel per person for travel?
..... [1]

(ii) Which city has the highest population density?
..... [1]

(iii) Which North American city uses least fuel per person for travel?
..... [1]

(b) Look at the European and Australian cities. Describe the differences in fuel consumption and population density between these two groups of cities. You may use figures to illustrate your answer.

Fuel consumption

.....

Population density

.....

..... [3]

(c) Suggest **two** reasons for the differences in fuel used for travel shown in Fig. 7.

.....

..... [2]

Extracting data from the graph

Interpreting the graph and identifying patterns

Suggesting explanations

Delivered effectively by expert practitioners

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What kind of education enables us to cope with an interconnected world?

- A respect for subject disciplines
- Excellent – and interconnected – teachers
- The opportunities to share learning across cultures and contexts
- Alignment of curriculum and assessment goals

