



Question 1 (2 marks)

Source A

The infographic below shows aid provided by Australia, a developed country, to Laos, a developing country.

Aid from Australia to Laos

Australia provides aid to support Laos' development. Australia works in partnership with the people of Laos to decide where aid is needed most.

Laos

Human Development Index	0.601
Gross National Income per capita	US\$6 070
Adult literacy rate in 2018 (percentage of adults who can read and write)	58.3 %



Australia

Human Development Index	0.939
Gross National Income per capita	US\$43 560
Adult literacy rate in 2018 (percentage of adults who can read and write)	99 %

In 2019, the focus of Australia's aid programme was to increase access to primary education in Laos.

Quick facts

- 19 795 children enrolled in programmes to improve reading and hygiene (for example, hand washing, dental care)
- Increased number of girls in primary

Percentage share of funding from Australian aid given to different categories in Laos



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Australia

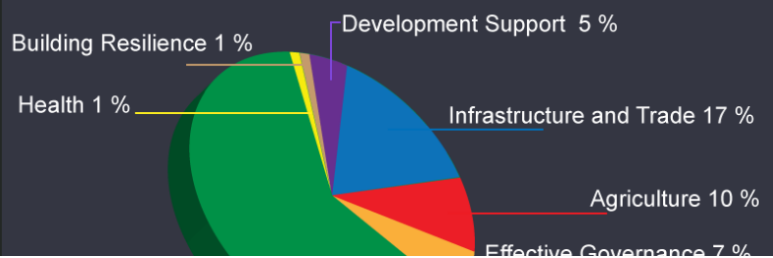
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In 2019, the focus of Australia's aid programme was to increase access to primary education in Laos.

Quick facts

- 19 795 children enrolled in programmes to improve reading and hygiene (for example, hand washing, dental care)
- Increased number of girls in primary school education

Percentage share of funding from Australian aid given to different categories in Laos



Scroll down to continue

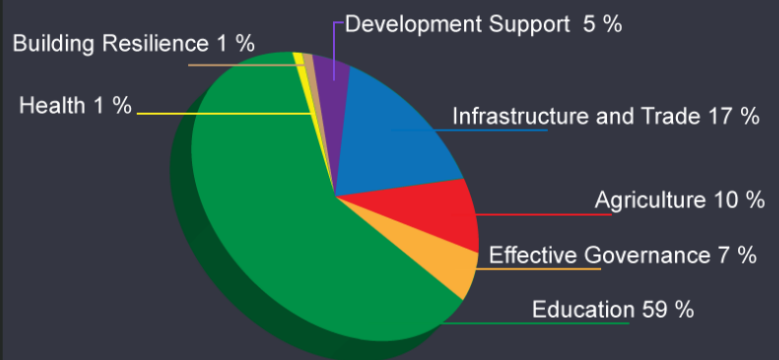
Improved



In 2019, the focus of Australia's aid programme was to increase access to primary education in Laos.

Quick facts

- 19 795 children enrolled in programmes to improve reading and hygiene (for example, hand washing, dental care)
- Increased number of girls in primary school education
- 850 classrooms improved
- 356 teachers received training

Percentage share of funding from Australian aid given to different categories in Laos



 Aid from Australia helps Laos to achieve the **Sustainable Development Goals**. 





Question 1a (1 mark)

Referring to the graph in Source A, **identify** the category receiving the largest amount of aid from Australia.

Rich text editor toolbar with icons for Bold (B), Italic (I), Undo, Redo, Underline (U), Subscript (x₂), Superscript (x^e), Bulleted List, Numbered List, Omega (Ω), Sigma (Σ), Styles dropdown, and a mobile device icon.

Wiris Editor



Question 1b (1 mark)

There are three indicators used to calculate HDI (Human Development Index):

1. GNI (Gross National Income) per capita
2. Education Index

Select the third indicator from the list below.

- Life expectancy at birth
- GDP (Gross Domestic Product)
- Infant mortality rate

Explain one benefit of using aid to invest in education for communities in Laos.



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Question 3 (12 marks)



Question 3a (2 marks)

Source A is repeated below for reference.


You are an MYP geography student in Laos. Your class is investigating trade, aid and exchange flows in Laos through the statement of inquiry below.

Statement of Inquiry: **Globalization can create change for communities and individuals.**

The purpose of the investigation is to create a video to show the impacts of aid in Laos.

Your video will be shown at an event at your school on End Poverty Day on October 17th.

With reference to the statement of inquiry, **formulate** a clear and focused research question that could be used to investigate the impact of aid in Laos.



A rich text editor toolbar with the following icons from left to right: Bold (B), Italic (I), Undo (left arrow), Redo (right arrow), Underline (U), Text Color (x with a color swatch), Background Color (x with a color swatch), Bulleted List (three horizontal lines with dots), Numbered List (three horizontal lines with numbers), Link (Omega symbol), Unlink (Sigma symbol), Styles (a dropdown menu labeled 'Styles'), and a Print icon (a printer).



Question 3b (4 marks)

Justify the relevance of the research question to the statement of inquiry and the context of aid in Laos.

B *I* | ← → | x_2 x^2 | $\frac{1}{2}$ $\frac{3}{4}$ | Ω Σ | Styles ▾ |



Question 3c (2 marks)

List two stakeholders you would interview to investigate your research question.

B *I* | ← → | x₂ x² | ☰ ☷ | Ω Σ | Styles ▾ | 📱

Empty text area for the answer.



Question 3d (2 marks)

Outline one primary source, other than interview responses, that could be used to investigate your research question.

B *I* | ← → | U x_2 x^a | $\frac{1}{2}$ $\frac{3}{4}$ | Ω Σ | Styles ▾ |



Question 3e (2 marks)

Outline one secondary source that could be used to investigate your research question.

B *I* | ← → | x₂ x² | ☰ ☷ | Ω Σ | Styles ▾ | 📄 ↕



Question 4 (8 marks)

Another student in your class has created an action plan for their investigation into trade, aid and exchange flows in Laos. The student has recorded their action plan to investigate how aid has impacted health in Laos on the calendar below. You will be asked to evaluate the action plan.

Outcome: Create a video for End Poverty Day on October 17th. Due Date: September 29th.

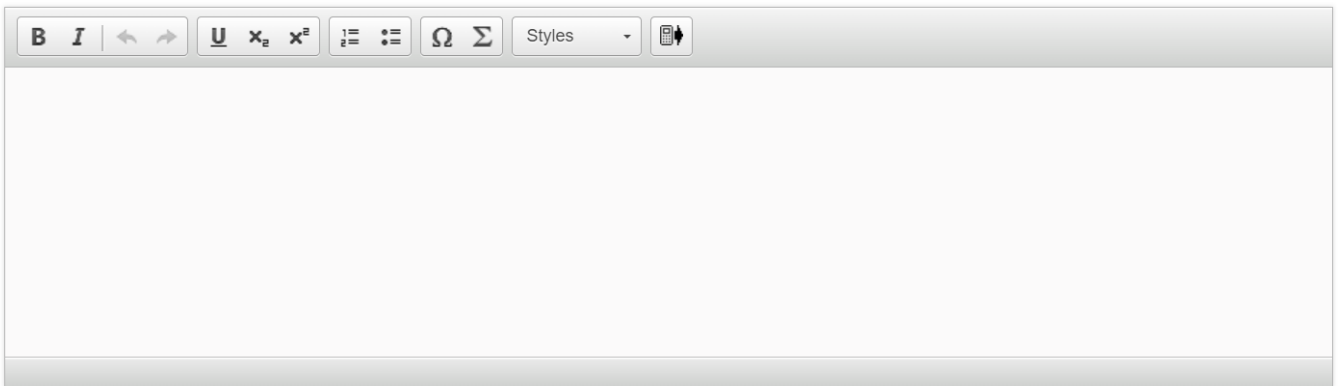
Statement of inquiry: **Globalization can create change for communities and individuals**

Click on the dates on the calendar to show more information.

SEPTEMBER | 2020

Mon	Tue	Wed	Thu	Fri	Sat	Sun
	1 ✓	2	3	4	5 →	6 →
7 →	8	9	10	11	12 →	13 →
14 →	15	16	17	18	19	20
21	22	23 ✓	24	25 ✓	26	27
28	29 ✓	30 ✓				

Evaluate the action plan.



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Question 5 (18 marks)



Question 5a (2 marks)

Imagine you are a local geography student at **one** of the locations shown in Source B. In both locations, local governments are thinking about investing more in management strategies to protect against the tectonic activity in the area.

You must choose **one** of the maps from Source B to include in an email to the local government about the cause(s) and management of the tectonic activity in your chosen location.

Source B

Source B

Map of California



GDP per capita (2017): US\$60 359
Population density (2017): 408 per square kilometre

Map of Iceland



GDP per capita (2017): US\$70 056
Population density (2017): 3.3 per square kilometre

Choose **one** of the maps shown in the tabs below. Your chosen map will be included with your email. **Annotate** your chosen map by dragging and dropping:

- **one** label to show the type of plate boundary
- **one** label to show the type of tectonic activity most likely to occur at your chosen location.

|

Map of California

Map of Iceland

The image shows an interactive map of California with a legend and a main map area. The legend is a table with two columns: 'Type of plate boundary' and 'Type of tectonic activity'. The main map shows the state of California with a red line representing a plate boundary. Red arrows indicate the direction of plate movement. Key cities like San Francisco, Los Angeles, San Diego, and Las Vegas are marked. A north arrow is in the top left, and a globe inset is in the bottom left.

Draggable labels:	
Type of plate boundary	Type of tectonic activity
Transform	Earthquake
Conservative	Volcanic activity
Convergent	
Destructive	
Divergent	
Constructive	

Map labels: California, Nevada, Pacific Ocean, San Francisco, Los Angeles, San Diego, Las Vegas, Plate boundary, Direction of plate movement, N.

Map of California

Map of Iceland

Draggable labels:

Type of plate boundary	Type of tectonic activity
Transform	Earthquake
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The map shows Iceland with a green line representing a plate boundary. Two large green arrows point in opposite directions (west and east) from the boundary, labeled 'Direction of plate movement'. A red 'N' indicates North. Cities marked include Husavik, Borgarnes, Reykjavik, Keflavik, and Vestmannaeyjar. The Atlantic Ocean is labeled. An inset globe shows the location of Iceland in the North Atlantic.



Question 5b (16 marks)

As a local geography student, you have chosen to write a convincing email to the local government about which management strategy should be invested in. In your email, you must **explain**:

- the cause(s) of the type of tectonic activity most likely to occur in your chosen location
- which management strategy would be the most effective in this area.

You should use examples from your MYP geography course to support your explanation.

Write a relevant email subject title. The title must fit in the single line response box below.

Title

Write your email here.

B *I* | ← → | x_2 x^e | $\frac{1}{2}$ $\frac{3}{4}$ | Ω Σ | Styles ▾ |



Question 6 (6 marks)

Watch the following video.

[Video](#)

[Transcript](#)

The greenhouse effect is a natural process.

Energy from the Sun enters the Earth's atmosphere

The energy is either absorbed by the Earth's surface or is reflected.

Some of the reflected energy passes through the atmosphere into space.

The rest is absorbed and re-emitted by greenhouse gases

The majority of scientists believe that humans are causing an Enhanced Greenhouse Effect

This happens because of increased emissions of greenhouse gases. This causes the Sun's energy to become trapped in the Earth's atmosphere, warming the planet.

Carbon footprint is an estimated value calculated by the total amount of greenhouse gases emitted by an individual, business or country.

[Video](#)

[Transcript](#)

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The majority of scientists believe that humans are causing an Enhanced Greenhouse Effect.

This happens because of increased emissions of greenhouse gases. This causes more of the Sun's energy to become trapped in the Earth's atmosphere, warming the planet further.

Carbon footprint is an estimated value calculated by the total amount of greenhouse gases emitted by an individual, business or country.

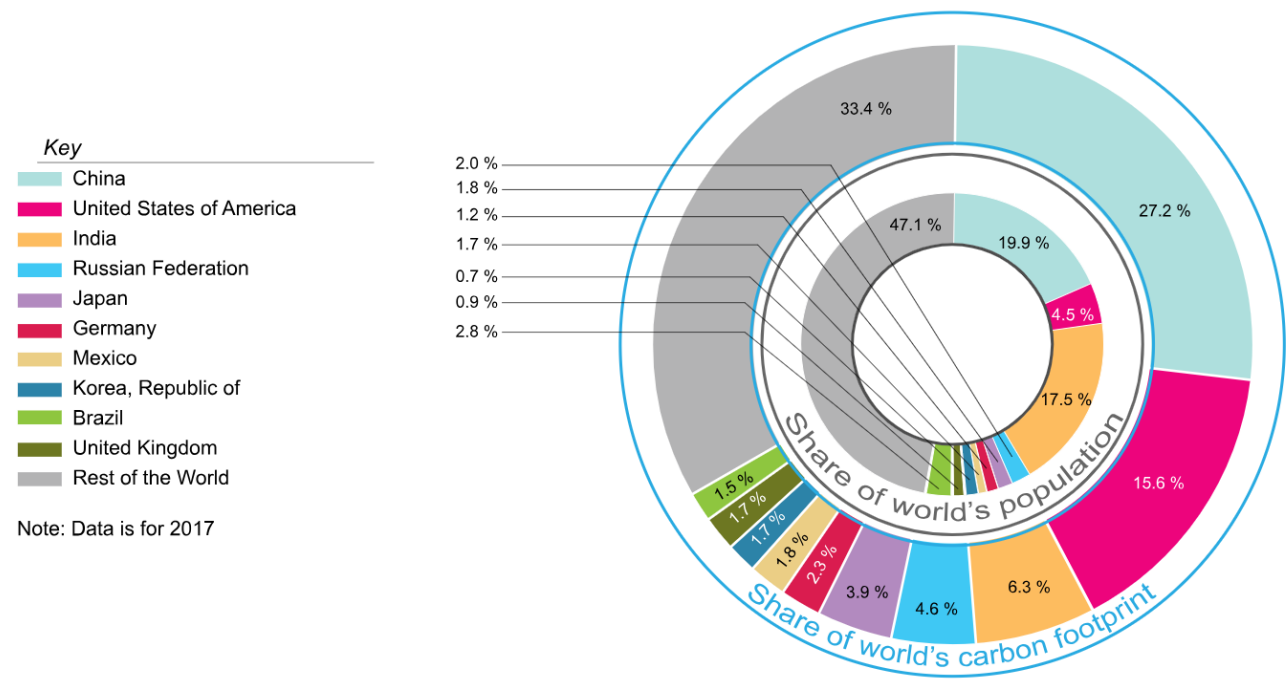
Energy spent making the things you use, the car you drive and the food you eat are all used to calculate your carbon footprint.

Look at Source D below and answer the questions that follow.

The screenshot shows a web browser window with the URL <https://www.footprintnetwork.org/our-work/climate-change/>. The page title is "Global Footprint Network" with the subtitle "Advancing the Science of Sustainability". A search bar is visible in the top right corner. Below the header, there is a section titled "MISSION AND VISION" with the text: "Global Footprint network, an international nonprofit founded in 2003, envisions a future where all can thrive within the means of our one planet". Below this, there is a section titled "Carbon footprint" with the text: "A country's carbon footprint is the amount of greenhouse gases produced by that country. The graph below shows the carbon footprints for 10 countries compared to their population."

Carbon footprint

A country's carbon footprint is the amount of greenhouse gases produced by that country. The graph below shows the carbon footprints for 10 countries compared to their population.





Question 6a (1 mark)

State the origin of the graph shown in Source D.

B *I* | ← → | U x_2 x^E | \int \equiv \equiv | Ω Σ | Styles ▾ |



Question 6b (1 mark)

State the purpose of the graph shown in Source D.

B *I* | ← → | x₂ x² | ☰ ☷ | Ω Σ | Styles ▾ | 📱



Question 6c (2 marks)

Outline one value of the graph shown in Source D for an MYP geography student studying the management of global climate change.

B *I* | ← → | U x_2 x^2 | ☰ ☷ | Ω Σ | Styles ▾ | 📱



Question 6d (2 marks)

Outline one limitation of the graph shown in Source D for an MYP geography student studying the management of global climate change.

B *I* | ← → | U x_e x^e | \sum Ω | Styles - |



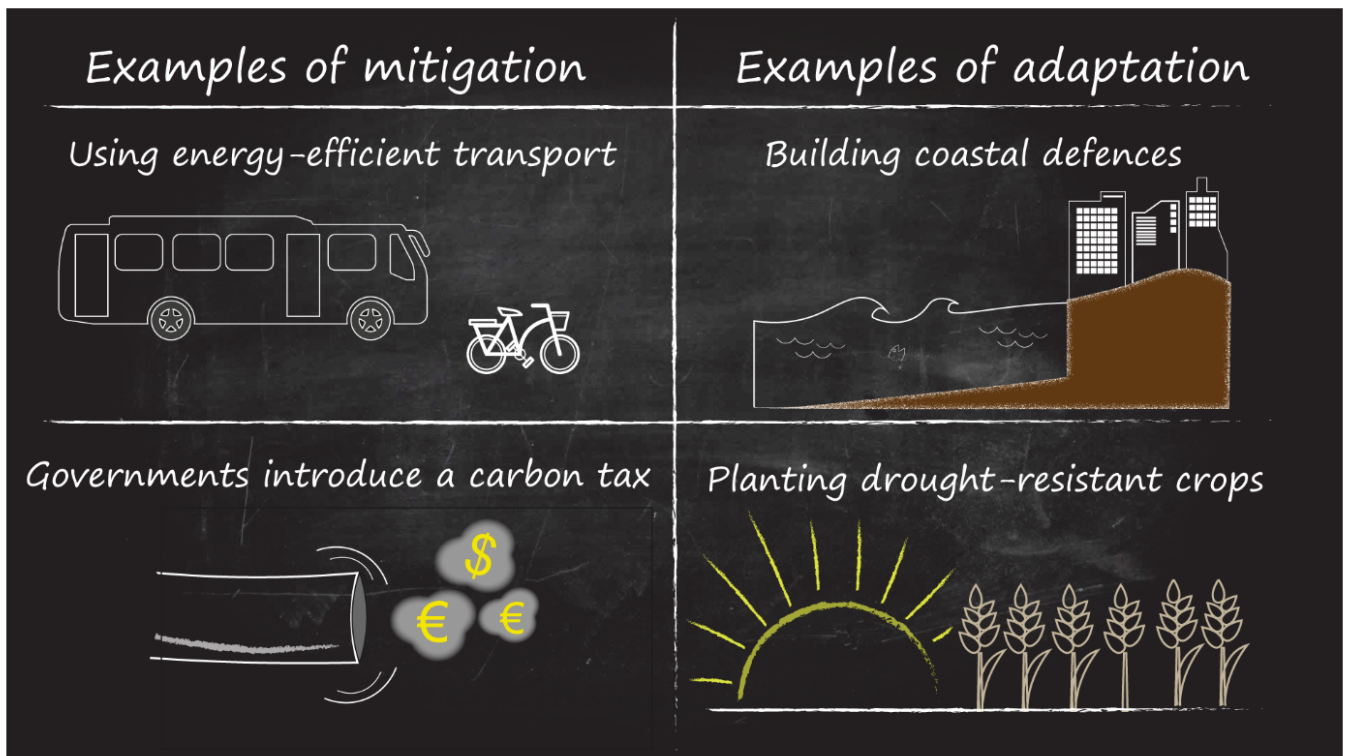
Question 7 (6 marks)

Climate change has become an important issue for societies. Two of the main approaches used to respond to climate change are mitigation and adaptation.

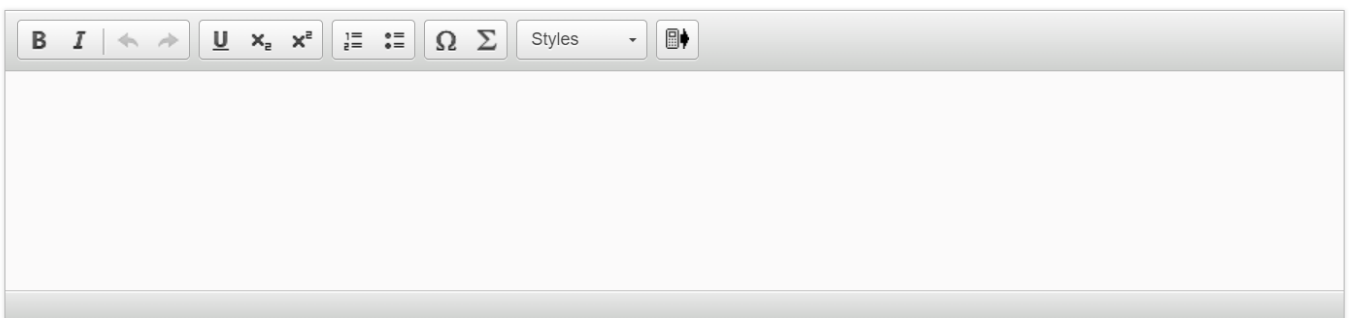
- Mitigation is the action of reducing the *causes* of climate change.
- Adaptation is the action of reducing the *effects* of climate change.

Source E shows examples of management strategies.

Source E shows examples of management strategies.



Using Source E, **justify** whether mitigation **or** adaptation is the most effective way to reduce the impacts of climate change.



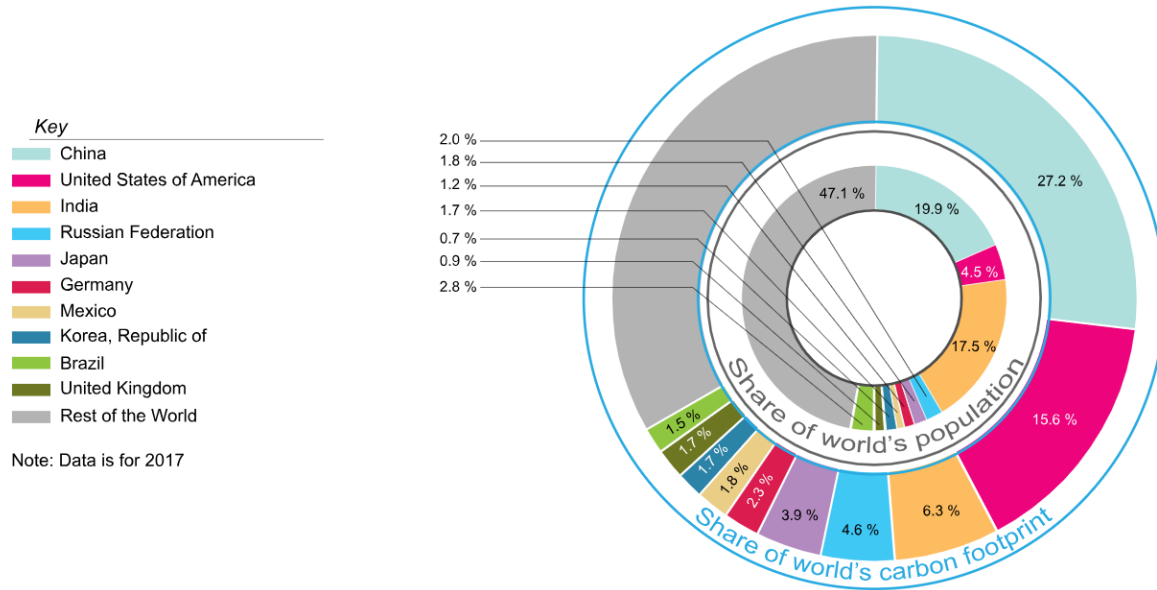
A rich text editor toolbar with various icons for bold, italic, underline, text color, background color, list, link, and styles.

Question 8 (24 marks)

The graph from Source D is repeated below.

Carbon footprint

A country's carbon footprint is the amount of greenhouse gases produced by that country. The graph below shows the carbon footprints for 10 countries compared to their population.

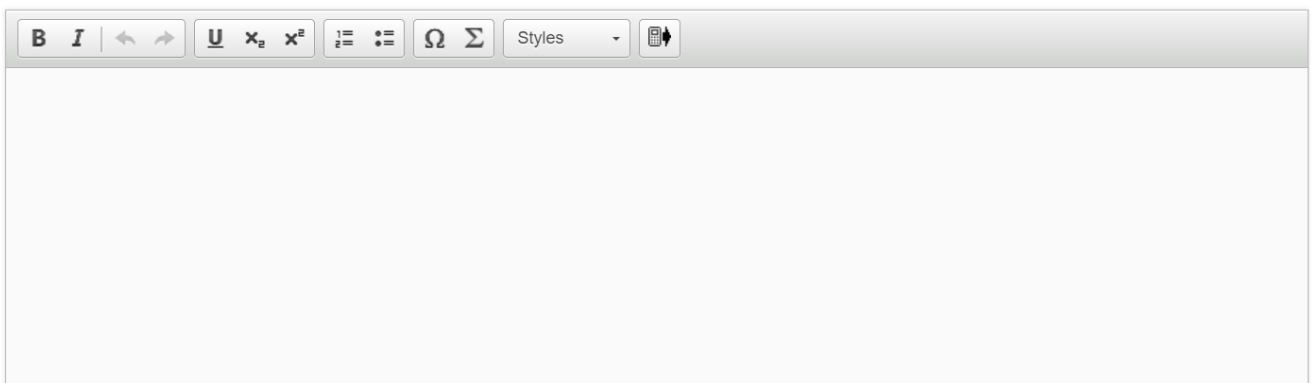


The graph above shows that the United States of America contributes 15.6 % of the world's carbon footprint but only 4.5 % of the world's population.

Some have argued that a new global agreement should be signed to make sure that a country's share of the world's carbon footprint is not higher than its share of the world's population.

To what extent do you agree with this argument? In a well-structured essay, you should:

- use knowledge and examples from your MYP studies
- consider different perspectives
- provide a clear conclusion.



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