

MYP MAY 2016

INTEGRATED HUMANITIES

ON-SCREEN EXAMINATION

Exemplar Marked Candidate Responses

This document contains exemplar material which demonstrates how the markscheme was applied to two student responses for the May 2016 session. Teachers should consider the application of the markscheme and in particular the assessment of longer, open ended responses. Teachers may wish to mark the student response themselves using the published markscheme and then compare their marking to the standard demonstrated in this document.

Question 1 (2 marks)

Source A

Ebola virus disease – 2014 outbreak

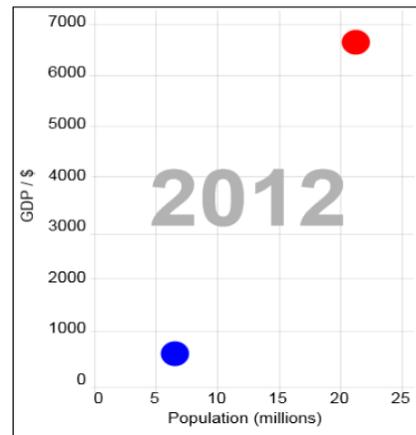


©

Adapted from: World health organization (WHO) /
www.blogs.state.gov/stories/2014/10/06/us-response-ebola-epidemic-west-africa/
www.theguardian.com/global-development/2014/oct/09/ebola-how-you-can-help/
 Journyman Pictures

Source B

GDP per capita in 2012


Key:

- Australia
- Sierra Leone

©

Based on UNdata

Question 1a (1 mark)

Classify Australia as an LEDC (*less economically developed country*) or MEDC (*more economically developed country*).

1/1

Question 1b (1 mark)

Classify Sierra Leone as an LEDC (*less economically developed country*) or MEDC (*more economically developed country*).

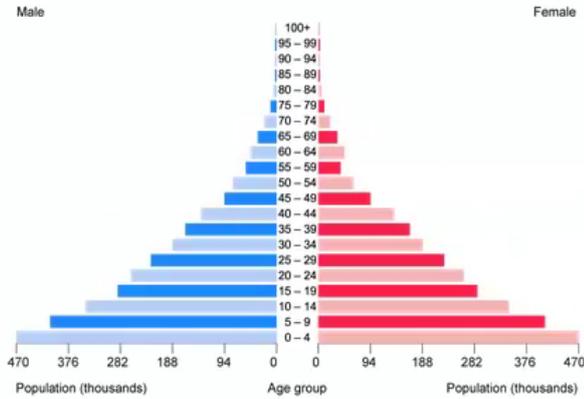
1/1

Question 2 (6 marks)

Referring to the data below, **describe three** changes between the population pyramids for Sierra Leone in 2014 and 2050.

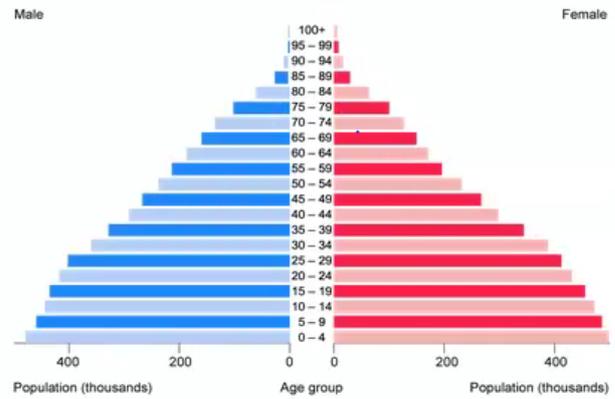
2014

Sierra Leone population pyramids



2050

Sierra Leone population pyramids



© CIA World Fact book 23/09/2014

The first change is the amount of population as a whole, with the population in 2014 having a lot less than 2050, with over 400 males and females at the age of 50-54.

The second change is the amount of balance between the ratio of boys and girls.. In 2014, the ratio are very equal, but in 2050, there are more males tahn females.

Lastly, the change is in the amount of people beyond the age of 30, where in 2014 the number dynamically decreased, but in 2015, most of the age groups maintained a large amount of people.

3/6

"(...)with over 400 males (...)": thousand?

"In 2014, the ratio are very equal (...)": this depends on the age group and is not true overall.

The first point is a description. Point 2 is inaccurate and not awarded marks. The final point is given as an outline - reference to the graph is not accurate.

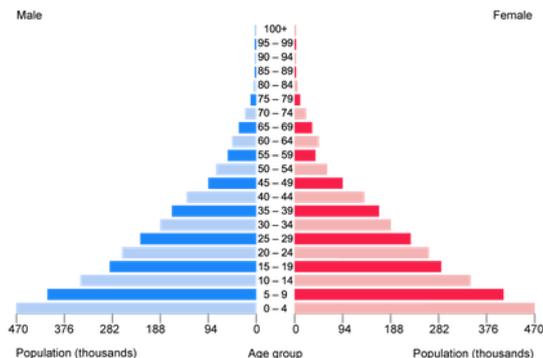
Question 3 (20 marks)

The Prime Minister of Sierra Leone is concerned about the negative economic impacts the outbreak of Ebola is having on the country. Imagine you are the economic advisor for Sierra Leone. You have been asked by the country's Prime Minister to investigate the impact of receiving emergency aid from Australia to help combat the spread of disease.

Question 3a (4 marks)

Population pyramids of Sierra Leone and Australia in 2014

Sierra Leone

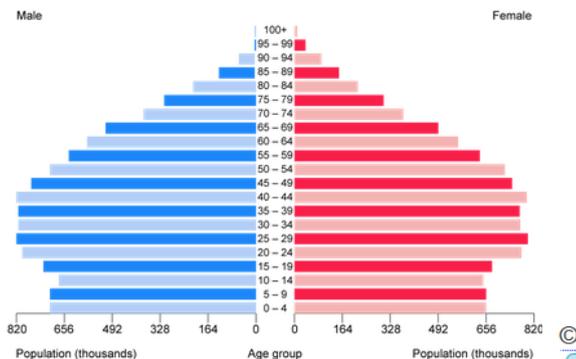


Using the source material, **formulate** a clear and focused research question to help you investigate this statement of inquiry:
 "A widespread contagious disease has significant effects on a country".

To what extent, if any, can ebola affect a country's population?

2/4 Clear but not focused, links to statement of inquiry as if mentions a disease, but this is a limited connection.

Australia



© CIA World Fact book 23/09/2014

Question 3b (4 marks)

Justify the relevance of your research question to the statement of inquiry.

My research question which is: "To what extent, if any, can ebola affect a country's population?" Which relates to the statement of inquiry because it states a widespread contagious disease, in this case "Ebola". It also relates because it states a possible significant effect on a country, and in this case: *the effect on the population of a country.*

2/4 Student states the relevance of the research question to the statement of inquiry. Benefit of the doubt is used as the student has followed the question directions but without reference to the context which is provided by the source and the question introduction

Question 3c (2 marks)

With reference to the concept of choice, **formulate one** sub-question that will help you develop your investigation.

One sub question that can help me develop the investigation is:
 "How can the widespread disease (Ebola) be stopped?"

0/2 Concept of choice not referenced, does not clearly link to research question.

Question 3d (2 marks)

With reference to the concept of equity, **formulate one** sub-question that will help you develop your investigation.

Another sub question that can help me develop the investigation is:

"What impact will receiving emergency aid from Australia give to Sierra Leone?"

0/2 Does not relate to research question sufficiently.

Question 3e (4 marks)

Explain how your sub-questions would help you develop your investigation.

The sub questions above will help develop the investigation, for two reasons. One reason it will help the investigation, is having knowledge on what type of emergency aid is needed from Australia to help combat the deadly disease. Another reason the sub questions would help the investigation is knowing the benefits the emergency aids will give Sierra Leone. The benefits may include Long term and short term effects.

2/4

BOD: that this will be discovered through exploring the second sub-question.

The second sub-question would help them access the benefits - long term and short term effects. This is a detailed explanation.

No statement regarding how the information could be used in their investigation (broader context) is included.

Question 3f (2 marks)

In addition to this information provided in the sources, **list two** pieces of information/data that would help your investigation.

Population data in 2014
GDP per capita data also in 2014

2/2

Question 3g (2 marks)

Describe one method of data collection you would use to collect your information.

One method of data collection would be source analysis.

1/2

BOD

VG: States one method of data collection

Question 4 (12 marks)

Following her own investigation, the economic advisor for Australia submitted the following presentation to the Parliament of Australia.



Should Australia provide aid to Sierra Leone?



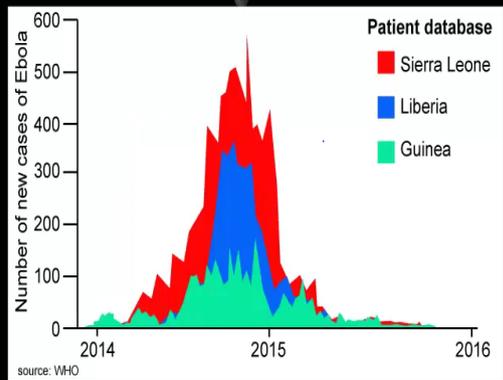



Thank you. I was given one week to undertake an investigation into providing aid to Sierra Leone, a country in the midst of an Ebola outbreak.

Reset

Next





Number of new cases of Ebola

source: WHO



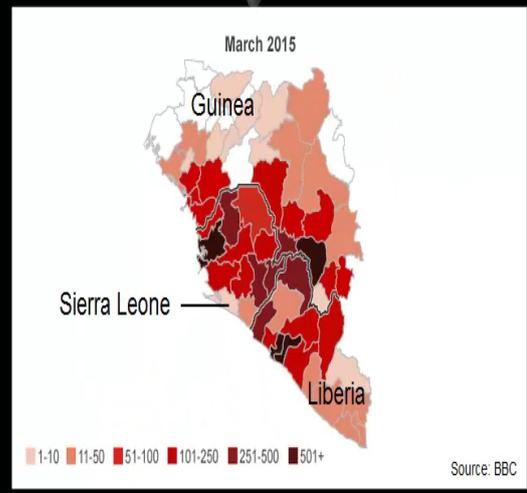
I wanted to find out about the impact of Ebola so my research led me to reliable publications and this graph from The Economist. It shows the number of cases of Ebola is much higher in Sierra Leone than in some other countries in West Africa.

Reset

Next



March 2015



Guinea

Sierra Leone

Liberia

1-10 11-50 51-100 101-250 251-500 501+

Source: BBC

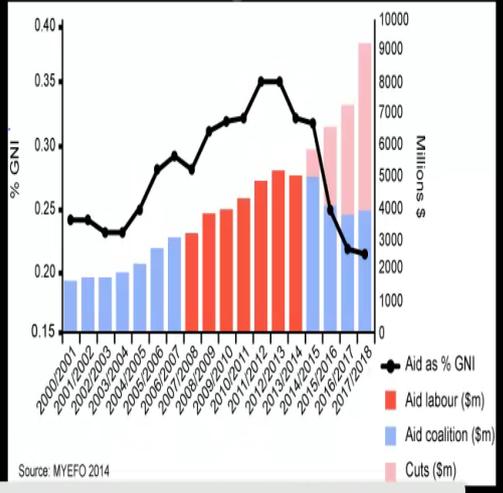


I also looked at websites which made the impact clear to see. It is worrying how quickly the death toll has risen, according to figures from the World Health Organization as reported by the BBC on its website. This disease could have a global impact if something isn't done to help.

Reset

Next





% GNI

Millions \$

Source: MYEFO 2014



I then wanted to know what Australia planned to do. By searching the Australian government's official website, I discovered that the Australian parliament has decided to cut its aid budget. Here you can see the proposed cuts. Aid as a percentage of our Gross National Income has decreased from 2012-2013 and will continue to do so significantly over the next few years.

Reset

Next

Country/Institution	Contribution (US\$ bn)
United States	336.9
EU Institutions	17.0
Australia	3.7
United Kingdom	10.0
Japan	5.7
Norway	5.0
Canada	4.0
France	4.0
Germany	7.2
Sweden	6.2
Italy	3.4
Spain	3.9
Finland	1.5
Saudi Arabia	1.8
Belgium	1.9
Netherlands	5.1
Ireland	1.3
Turkey	1.9
Denmark	2.6
Switzerland	2.8

Source: www.globalhumanitarianassistance.org

We as a country have always prided ourselves in our efforts to combat poverty and disease. Here we can see data from the 2013 Global Humanitarian Assistance report which shows how much Australia has contributed to international humanitarian aid from 2003 to 2012. Now is not the time to stop. We must continue to be a leader in this fight.

Reset Next

Unfortunately, at the time of my research I could not locate data about how aid has been used in Sierra Leone or how many other countries are providing aid. Websites with up-to-date and reliable data were difficult to find. Further research could help with this.

Reset Next

Sector	Percentage
Education	23%
Effective governance	18%
Health	16%
Building resilience	14%
Infrastructure and trade	13%
Agriculture	7%
General development support	9%

source: www.dfat.gov.au

Australia's aid distribution currently looks like this according to the Australian government's official website.

Reset Next

Sector	Percentage
Education	23%
Effective governance	18%
Health	23%
Building resilience	14%
Infrastructure and trade	6%
Agriculture	7%
General development support	9%

source: www.dfat.gov.au

I would suggest that we can help Sierra Leone in its battle against Ebola by reducing the amount of aid for infrastructure and trade from 13% to 6% and increasing the amount of aid given to the health sector to 23%.

Reset Next

Source: MYEFO 2014

Legend:
 - Aid as % GNI (Line)
 - Aid labour (\$m) (Red bars)
 - Aid coalition (\$m) (Blue bars)
 - Cuts (\$m) (Pink bars)

For this to work we also need to reverse the decision on aid budget cuts that we saw earlier and restore funding to 2012-2013 levels.

Reset Next

Presented by Economic advisor Smith

Australian Aid

Thank you for allowing me to tell you about my investigation.

Reset Next

Evaluate the economic advisor’s investigative process.

You must consider the investigative process rather than the economic advisor’s presentation skills. In your response you should consider:

- The sources used
- How successful the investigation was.

The economic advisor’s investigative process was done correctly and provided the correct message and information. The presentation informed about the problem and about the issue that Australia are currently in with the aid. The economic advisor used reliable sources to support her argument and those sources were the World Health Organisation and Australian government official website, she also stated that they were reliable which supported her in proving her point.

The sources used were visual sources that showed the different pieces of information she wanted to tell in a very clear and organised way, this made her investigation appear more successful since it helped the viewer understand the topic much easier.

The presentation included information about Sierra Leone and its current issue and informed about the possible help that could be provided however isn’t; which supports the argument.

The presentation is missing a lot of important information like how Australia may help, how much would it cost and examples of other similar cases.

5/12 Outlines strengths and weaknesses but limited detail provided. Had the student provided more weaknesses, this would have met the level of detail for a 6. Even though there is an appraisal the student does not meet the detail needed for the descriptor 'describe' and overall best fit puts the student at a 5.

Question 5 (30 marks)

Imagine you are the curator (*manager*) for a museum exhibition on the topic of social protest. All of the images in the video will feature in the exhibition because they cover a range of issues, providing examples of how artistry can be used in protest.



Using the template below, create an information leaflet to be given to visitors when entering your exhibition to **explain** the topic of social protest. Your leaflet should:

- Include up to **two** images from those available below to support your text
- Define the topic of social protest
- Explain topics or issues which have resulted in social protest
- Use examples from issues you have studied in class
- Consider the strengths and limitations of non-violent protest
- Provide **two** questions to help visitors think critically about the ways people use art and culture to express their perspective of an issue.

Select images



Drop image 1 here

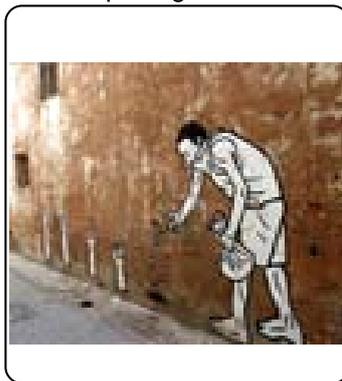


Image 1 caption

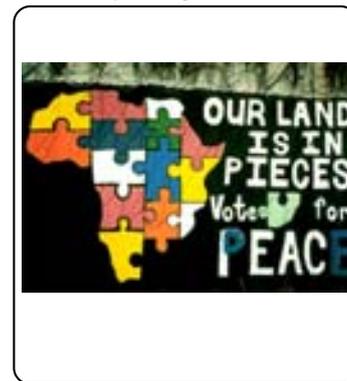
why shall the poor help the poor

*Rephrasing the message of the image.
Limited amount of detail but satisfactory as a caption.*

Image 2 caption

help us find the pieces to fill in our gaps but that can only happen with peace by our side.

Drop image 2 here



Body of the information leaflet

The Art of social protesting.

Social protesting is when a certain community or a group of people want to go against a certain thing because they are against it. This happens a lot and in many countries. An example of this would be now in Brazil where many of the Brazilian population are voting for their president to be overthrown because they want a new beginning. Many want change and so they protest simply because they are against her being president and they are hoping that she will be overthrown.

Many economies today have had people protesting. This is mostly because of political problems within a certain country. In Pakistan there has been a protest against the Taliban for girls' education. This led to a lot of conflict and war within Pakistan. During protests, people don't just talk and shout; rather, they mostly hold banners and march together. Some say it's artistic since the banners are with drawings and words with meanings. During the Tanzanian elections, the oppositions were protesting against each other. With some drawing pictures with the opposition's president dead and others even went as far as holding up a coffin with the opposition's flag in covering the coffin.

Social protesting has found different ways to send their message. These days it's mostly through art with people drawing on walls because they don't have a voice and they want to be heard and they find art their way to be heard. Art has become such a huge part of social protesting and it is important to.

Art is also one of the most peaceful methods of sending a message. In many countries there is war because that's another way of sending a message and making people listen although I strongly disagree with this. This is one of the best ways to be heard. It is a negative way and many would suffer from the effects of such treacherous acts but more people will listen. When we don't use violence it's much better in terms of safety but there's a chance that your message might not be heard or cared about and people won't mind. We see many people march for change for weeks and see no change because mostly the leaders don't put mind to it.

Although art is the way it is peaceful and sends a strong message and not only will it please your eyes but it can please your soul and make you feel free and restrict people from going against your positive actions. Art could also be used negatively but it will matter most when it is used for the good.

Before you put this down and ask yourself is art really needed for social protest? and to what extent has it helped those who did use art in their social protest?.

First question for visitors

How is art helped protestors in social protests?

Second question for visitors

To what extent has art helped those who used it in social protest?

Criterion A 4/10

Criterion C 7/20

Definition provided.

VG

Several examples mentioned but lacked details.

Presents why war is more effective (limitation of social protest).

Strengths of SP.

The student has not used the template well, however their paragraphs flow and link. Points are presented to inform readers and the way they included the questions at the bottom of the segment was engaging. Language is mostly appropriate. Images and text do not have strong connections.

Question 6 (12 marks)

Shale gas extraction, also known as hydrofracking or fracking, is promoted by some as an environmentally friendly form of energy. However, many do not agree. Throughout this task you will be asked to explore different perspectives on the topic of sustainable development. Use the definition below and knowledge from your MYP studies to answer question parts (a) to (c).

The Brundtland Commission's report defined sustainable development as "development which meets the needs of current generations without compromising the ability of future generations to meet their own needs". ©



Question 6a (4 marks)

Social



Describe two positive social outcomes of sustainable development.

Sustainable development contributes to economic equality. This type of development helps communities and individuals close the gap on wealth inequality and these individuals can be categorised on the same wealth gap, promoting wealth equality.

Sustainable development contributes to a diversified community. This type of development has communities become more aware of projects going on around them and helps the social integration of more diverse individuals. This raises their awareness of racial equality and the integration of different races in their communities at a much quicker rate.

1/4 The first point refers to economic outcomes not social outcomes of sustainable development. The second point describes the social benefits of diversity. In order to reach two marks for this point the student would need to explain how sustainable development creates diversity.

Question 6b (4 marks)

Economic



Describe two positive economic outcomes of sustainable development.

Stimulation of economic growth-Sustainable development contributes to the stimulation of economic growth which improves the standard of living and increase the creation of wealth. These factors allow wealth to be distributed at a higher frequency increasing opportunities to create wealth.

High Unemployment-Sustainable development contributes to increased employment, this factor lowers crime rates and increases the creation of wealth. Allowing individuals to purchase more luxury goods, increasing their purchasing power and increase public spending.

2/4 Student lists two benefits but does not describe the link between them and sustainable development.

Question 6c (4 marks)

Environmental



Describe two positive environmental outcomes of sustainable development.

Resources used at a sustainable rate-Sustainable development ensures that natural resources are not used up quickly however they are kept at a balance so that natural processes can replenish them.

Ecosystems kept intact and balanced-Sustainable development ensures that ecosystems are kept intact and not disrupted. This is because sustainable development aims to preserve ecosystems and the ecological relationships that exist so that future generations can see the natural wonders.

2/4 Student states two environmental outcomes.

Question 7 (8 marks)

Source D



Reasons Fracking Improves American Lives
October 5, 2012

Here are some positive benefits fracking has brought to America.

1. The price of oil is 20% lower than what it would be otherwise. Natural gas prices in America have plummeted. As a result, natural gas is at least 80% cheaper here than the rest of the world.
2. Low gas prices have led to growth in America's manufacturing sector.
3. American energy independence is possible for the first time in history.
4. We have reduced our CO₂ contribution. Our greenhouse gas emissions are at their lowest rate in 20 years.
5. We offer high paying jobs and pay far more of our income as taxes and fees than virtually any other industry.
6. Every year, drilling brings multibillion dollar transfer payments to rural and agricultural communities across America.

By drillinginfo

In terms of its origin, purpose, values and limitations, **analyse** the usefulness of **Source D** to an MYP student studying fracking (*Shale gas extraction: process of drilling down into the earth to release gas inside*).

Question 7a (1 mark)

Origin

The source comes from a publisher called "DrillInfo", it is hard to conclude whether this is bad or good, but when reading the source, an assumption can be made. Because the source is telling a very one-sided story with only positive effects the publisher is clearly someone who wants the Drill industry to do good. This could possibly be because the person might own a drilling company or is very close in business with somebody who is in the drilling business. It can be concluded that the publisher is most likely somebody trying to get you to a place that you might not want to be in.

1/1

Question 7b (1 mark)

Purpose

The purpose of the source is to convince the reader that fracking is a rather good thing, not showing any bad effects it might have. A very one-sided story.

1/1

Question 7c (3 marks)

Three values

1. The source show very clear points.
2. The source has a publisher.
3. The source has a date.

2/3

First line: VG

Question 7d (3 marks)

Three limitations

1. One sided story, not all aspects that should be considered are mentioned.
2. Unclear who exactly wrote it.
- 3.

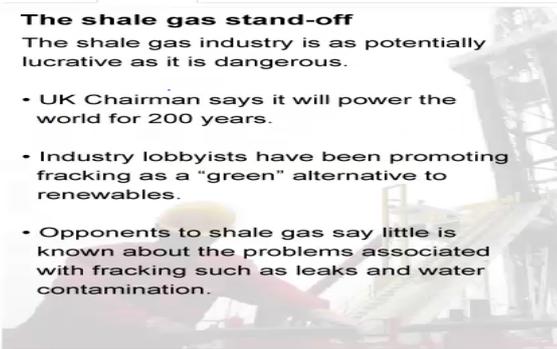
2/3

Question 8 (30 marks)

The shale gas stand-off

The shale gas industry is as potentially lucrative as it is dangerous.

- UK Chairman says it will power the world for 200 years.
- Industry lobbyists have been promoting fracking as a "green" alternative to renewables.
- Opponents to shale gas say little is known about the problems associated with fracking such as leaks and water contamination.



Adapted from: www.theguardian.com/environment/interactive/2011/apr/26/shale-gas-hydraulic-fracking-graphic

More dynamic economy

Posted 10/05/2014 5:20 pm EDT | Updated: 12/05/2014 5:59 am EST

More dynamic economy:
Fracking brings more jobs to the area.



Risks are real but readily manageable.

Over 175 000 wells fracked in Canada without conclusive evidence of significant harm to the environment.

Natural gas is an improvement over both conventional pollutant emissions and greenhouse gas emissions.

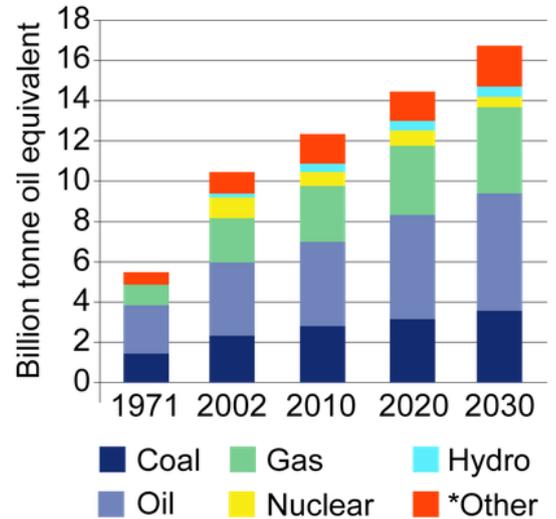
www.huffingtonpost.ca/mark-milke/new-brunswick-energy



Several reports have concluded that the shale gas industry in the US has had a profound, positive economic impact, such as reducing consumer costs of natural gas and electricity, stimulating economic growth and increasing federal, state and local tax revenue.

www.shale-gas-information-platform.org/what-are-the-benefits.html

Projected future demand



*Includes geothermal, solar, wind, heat, etc

www.news.bbc.co.uk



Adapted from: ec.europa.eu/environment - Shale gas risk or opportunity? / AFP 2012 Shale Gas - a controversial fuel

Imagine a company wants to extract natural resources from a community of your choice. You should use the sources and/or knowledge from your MYP studies to **discuss** whether the economic benefits outweigh the environmental concerns.

In your essay you should:

- Name the community and resource that you have chosen
- Consider the economic benefits
- Consider the environmental concerns
- Consider possible perspectives of the local residents and the resource extraction company
- Include a conclusion to state whether you think the economic benefits of the resource extraction outweigh the environmental concerns.

The resource that I will be discussing is Shale Gas which is presently found in America. Shale gas is considered to be a highly controversial source of energy because of the various advantages and disadvantages that it brings to the society and the environment respectively.

According to the video given in Source E, Shale gas can be found in 106,400 tons within the United States. Globally, it is estimated that there is enough to provide for 140 years of global gas consumption at current levels through the production of shale gas. This could not only benefit America which is the country that produces it but it could also affect the world since gas has a high demand of 4 billion tonnes in demand by the year 2030, according to slide 2 from source E. The price of oil is also 20% lower than what it was supposed to be otherwise because natural gas is 80% cheaper in America than the rest of the world. Not only does Shale gas reduce prices for citizens, it also provides employment all over the country because the process of fracking the shale gas offers high paying jobs. Fracking also benefits the government of America because they pay far more their income as taxes and fees than any other industry because of the resources that they use which are involved in the process.

However, there are also multiple limitations involved with the process of producing shale gas since it occurs underground which could cause leaks and the pollution and contamination of clean drinking water source according to Slide 1 in Source E.

The process of extracting the gas also involves pollution because of the greenhouse gases produced such as methane.

In conclusion, I believe that U.S should not encourage the production of Shale Gas because of the multiple environmental risks that may be involved hence causing an increase to the environment

Criterion A 2/10

Criterion C 5/10

Criterion D 2/10

Nice use of language in the introduction.

Second paragraph: GEXA.

Student outlines the benefits and concerns associated with fracking. (A). They summarize source information as examples to make an argument against fracking, however more evidence for the economic benefits is provided (D).

The language used in the introduction is very engaging and flows well. Ideas build on each other however some paragraphs are limited in their level of development. Overall it is somewhat appropriate to the format of an essay. (C)

Question 1 (2 marks)**Source A**

Ebola virus disease – 2014 outbreak

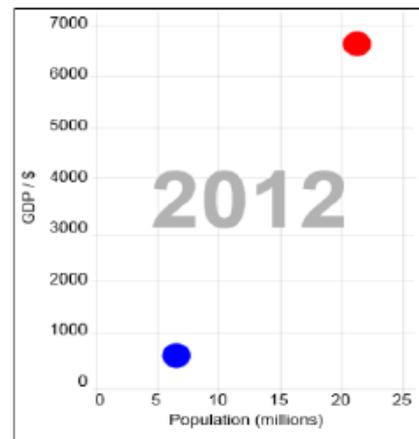


©

Adapted from: World health organization (WHO) /
www.blogs.state.gov/stories/2014/10/06/us-response-ebola-epidemic-west-africa/
www.theguardian.com/global-development/2014/oct/09/ebola-how-you-can-help /
 Journeyman Pictures

Source B

GDP per capita in 2012



Key:

- Australia
- Sierra Leone

©

Based on UNdata

Question 1a (1 mark)

Classify Australia as an LEDC (*less economically developed country*) or MEDC (*more economically developed country*).

MEDC

1/1

Question 1b (1 mark)

Classify Sierra Leone as an LEDC (*less economically developed country*) or MEDC (*more economically developed country*).

LEDC

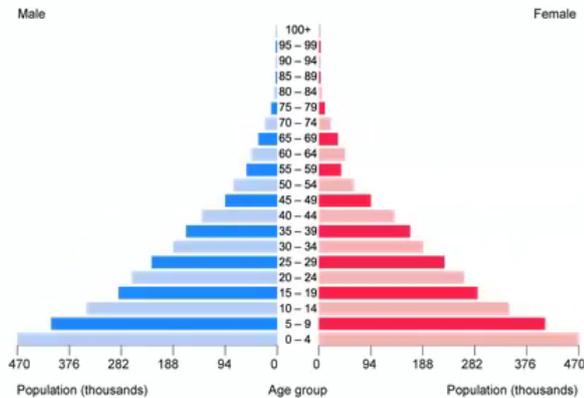
1/1

Question 2 (6 marks)

Referring to the data below, **describe three** changes between the population pyramids for Sierra Leone in 2014 and 2050.

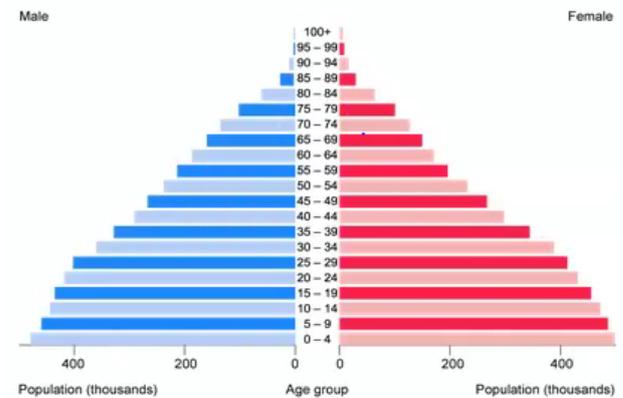
2014

Sierra Leone population pyramids



2050

Sierra Leone population pyramids



© CIA World Fact book 23/09/2014

The children population in the 2050 graph for children aged from 10-14 has a higher number (around the 400 thousands) then the 2014 graph.

In the age groups of 80-89 in the 2050 chart, the population has increased from 2014.

The overall data for the 2014-Sierra Leone population pyramids shown exponential decrease as the highest point is from age group 0-4 and keeps on decreasing from there. The 2050 pyramid show a much slower decreasing gradation, much less steeper and severe than in 2014.

- 5/6
- First paragraph: one changed described with evidence from the population pyramids/graph.*
- Second paragraph: change listed with specific age group mentioned. Outlined and not described.*
- Third paragraph: Not as clear as it could be but another relevant changed described.*
- Student provides 3 changes: two are descriptions, one is more of an outline (the second change - less detailed, therefore a 5 has been awarded).*

Question 3 (20 marks)

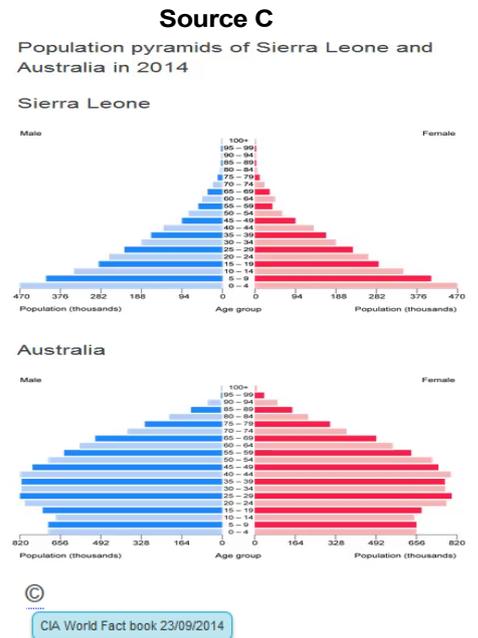
The Prime Minister of Sierra Leone is concerned about the negative economic impacts the outbreak of Ebola is having on the country. Imagine you are the economic advisor for Sierra Leone. You have been asked by the country's Prime Minister to investigate the impact of receiving emergency aid from Australia to help combat the spread of disease.

Question 3a (4 marks)

Using the source material, **formulate** a clear and focused research question to help you investigate this statement of inquiry:
"A widespread contagious disease has significant effects on a country".

To what extent does the disease Ebola have an effect on the economy of Sierra Leone?

2/4 Clear research question that is connected to the statement of inquiry, but the substantial overlap means it is not as focused as it could be. Global interactions or aid is not addressed. Question is somewhat generic.



Question 3b (4 marks)

Justify the relevance of your research question to the statement of inquiry.

This research question is relevant to the statement of inquiry because it will ask for a variety of aspects to the disease and will cover the impact it will have on a country. The question is also about a widespread and well known disease and ask to be detailed when answering because it asks to what extent.

1/4 Student states the relevance of the research question to the statement of inquiry in an unclear way.

Question 3c (2 marks)

With reference to the concept of choice, **formulate one** sub-question that will help you develop your investigation.

How does the Ebola disease affect the choices made in daily life of the Sierra Leone people?

2/2 Student constructs a clear sub-question relating to the concept of choice.

Question 3d (2 marks)

With reference to the concept of equity, **formulate one** sub-question that will help you develop your investigation.

What effect does Ebola have on the quality of life on both the rich and poor Sierra Leone people?

1/4 Student constructs a clear sub-question that relates to the concept of equity and guides their investigation into the economic impacts of Ebola for Sierra Leone.

Question 3e (4 marks)

Explain how your sub-questions would help you develop your investigation.

My sub-questions would help develop my investigation because they go into greater detail of the situation and allow you to find explanations. These questions also help break down the research question so that it is easier to understand the exact things needed to do the investigation.

1/4 Generic explanation. Greater links to the sub-questions and their investigation are required to provide reasons why the sub-question will develop that particular investigation.

Question 3f (2 marks)

In addition to this information provided in the sources, **list two** pieces of information/data that would help your investigation.

Statistics of the economy before the disease and after the disease.
Articles on Ebola and what it does.

2/2

Question 3g (2 marks)

Describe one method of data collection you would use to collect your information.

One method to collect data would be to use the internet to collect articles on the topic and statistics to create one graph that shows all the information.

1/2 Outlines one method of data collection.

Question 4 (12 marks)

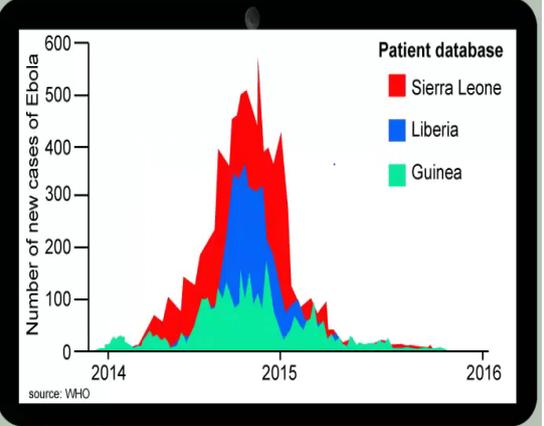
Following her own investigation, the economic advisor for Australia submitted the following presentation to the Parliament of Australia.



Should Australia provide aid to Sierra Leone?

Thank you. I was given one week to undertake an investigation into providing aid to Sierra Leone, a country in the midst of an Ebola outbreak.

Reset



Patient database

- Sierra Leone
- Liberia
- Guinea

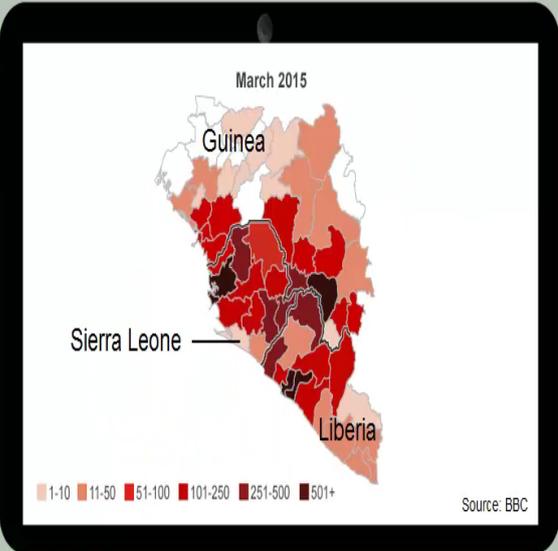
Number of new cases of Ebola

source: WHO

I wanted to find out about the impact of Ebola so my research led me to reliable publications and this graph from The Economist. It shows the number of cases of Ebola is much higher in Sierra Leone than in some other countries in West Africa.

Reset

Next



March 2015

Guinea

Sierra Leone

Liberia

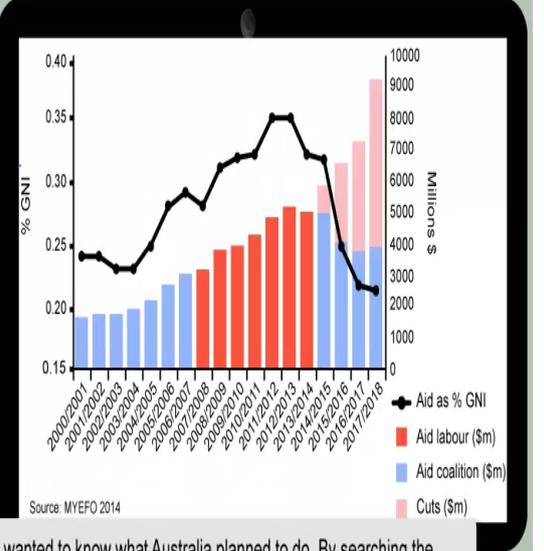
1-10 11-50 51-100 101-250 251-500 501+

Source: BBC

I also looked at websites which made the impact clear to see. It is worrying how quickly the death toll has risen, according to figures from the World Health Organization as reported by the BBC on its website. This disease could have a global impact if something isn't done to help.

Reset

Next



% GNI

Millions \$

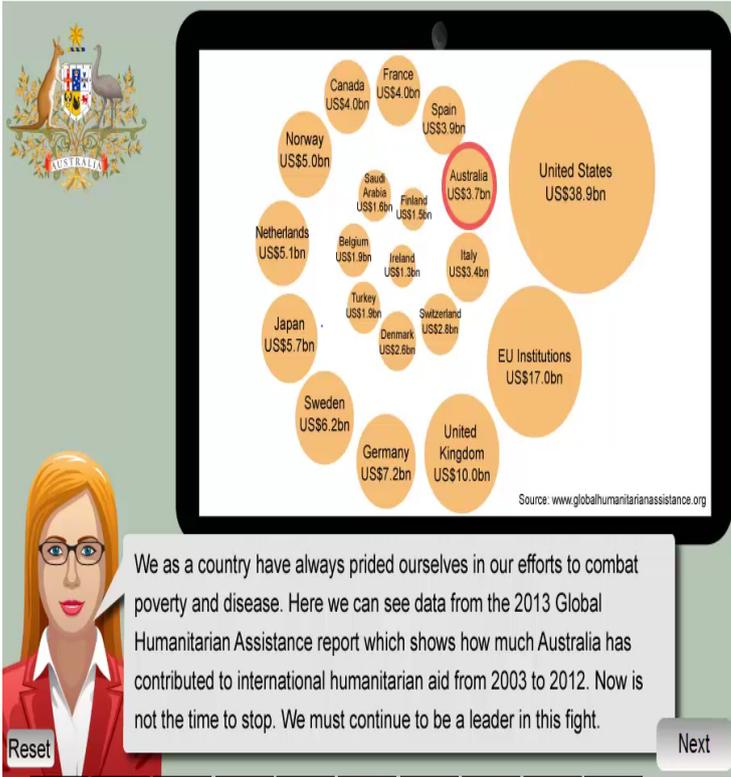
- Aid as % GNI
- Aid labour (\$m)
- Aid coalition (\$m)
- Cuts (\$m)

Source: MYEFO 2014

I then wanted to know what Australia planned to do. By searching the Australian government's official website, I discovered that the Australian parliament has decided to cut its aid budget. Here you can see the proposed cuts. Aid as a percentage of our Gross National Income has decreased from 2012-2013 and will continue to do so significantly over the next few years.

Reset

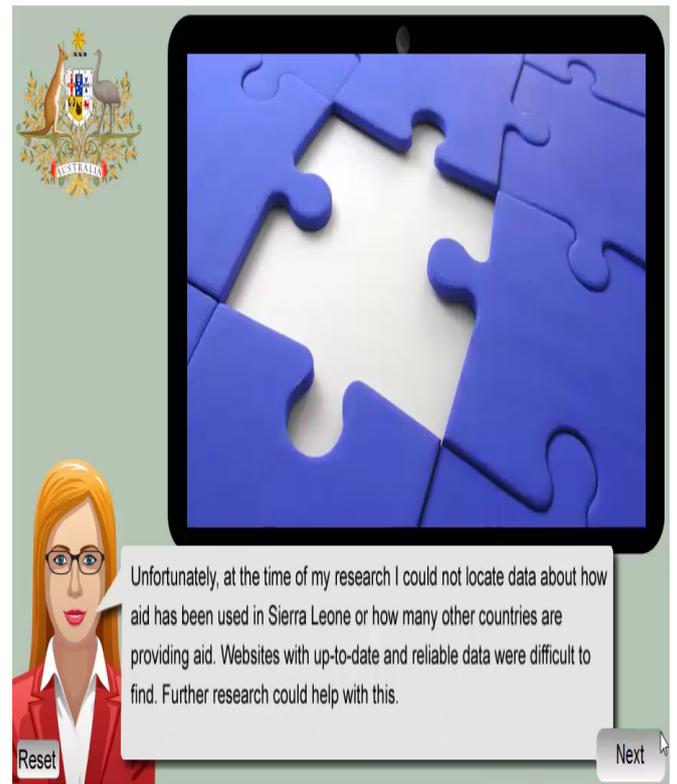
Next



We as a country have always prided ourselves in our efforts to combat poverty and disease. Here we can see data from the 2013 Global Humanitarian Assistance report which shows how much Australia has contributed to international humanitarian aid from 2003 to 2012. Now is not the time to stop. We must continue to be a leader in this fight.

Reset

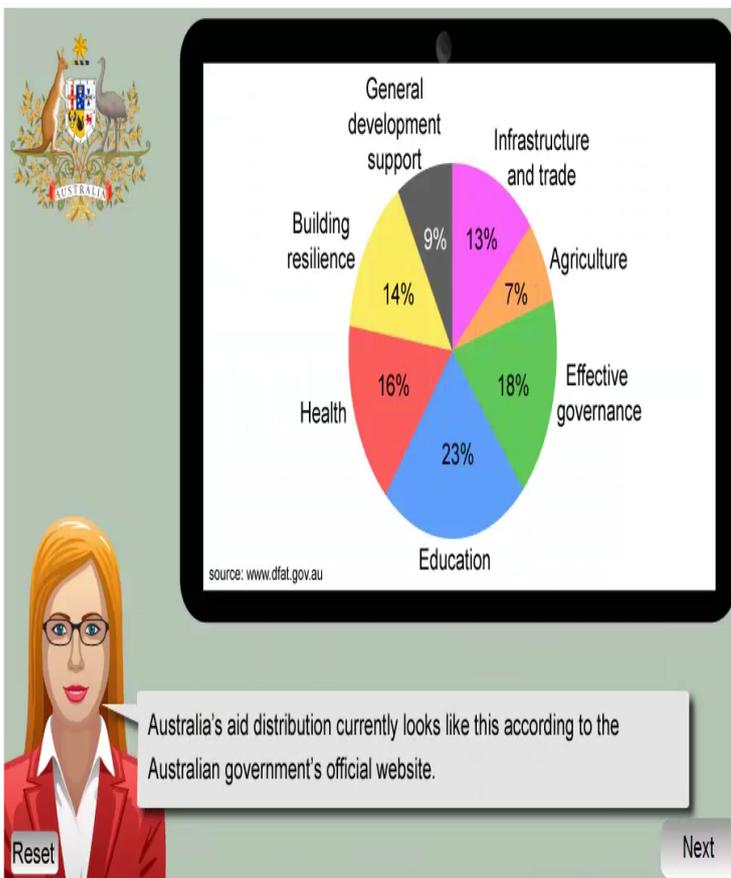
Next



Unfortunately, at the time of my research I could not locate data about how aid has been used in Sierra Leone or how many other countries are providing aid. Websites with up-to-date and reliable data were difficult to find. Further research could help with this.

Reset

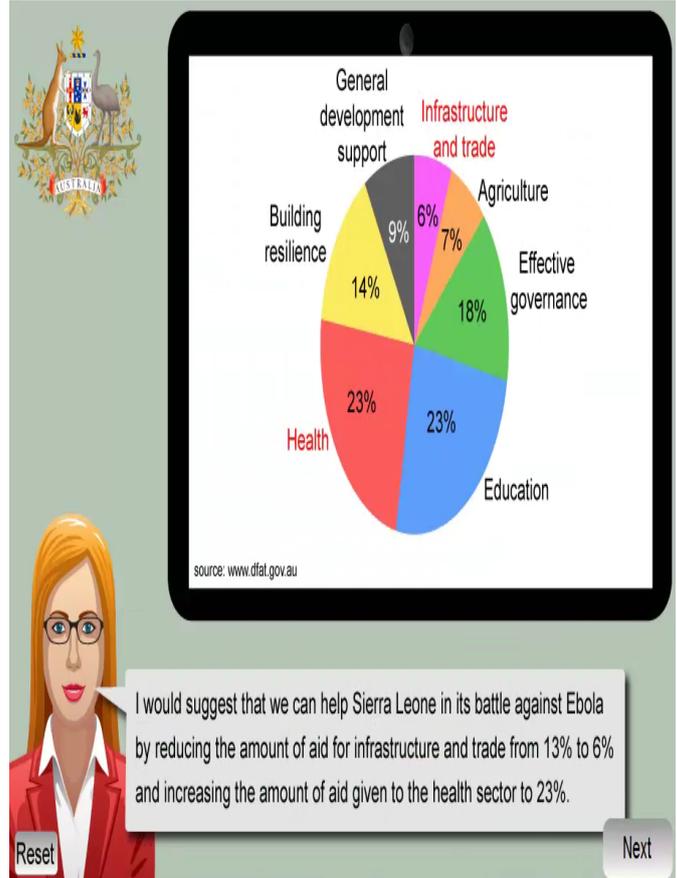
Next



Australia's aid distribution currently looks like this according to the Australian government's official website.

Reset

Next



I would suggest that we can help Sierra Leone in its battle against Ebola by reducing the amount of aid for infrastructure and trade from 13% to 6% and increasing the amount of aid given to the health sector to 23%.

Reset

Next

For this to work we also need to reverse the decision on aid budget cuts that we saw earlier and restore funding to 2012-2013 levels.

Reset Next

Thank you for allowing me to tell you about my investigation.

Reset

Evaluate the economic advisor’s investigative process.

You must consider the investigative process rather than the economic advisor’s presentation skills. In your response you should consider:

- The sources used
- How successful the investigation was.

The economic advisor's investigate process included many sources that were relevant to the subject that was being discussed. In the second slide she discussed the number of cases of Ebola in Sierra Leone in contrast to the number of cases of Ebola to other West African countries such as Guinea and Liberia. She used a clear graph that demonstrated the numbers and supported her argument very well. In the next slide she discussed how quickly the death roll has risen. The source she used did not exactly demonstrate this argument. It gave factual information on in which sections have the largest amount of deaths as of March 2015 but it did not compare the amount of deaths to a previous year. Therefore, she did not have any facts that supported her argument in stating that the death toll has quickly risen as we do not know what it was like before March 2015. The next slide discusses the Australian parliament's aid budget. She uses a graph from the Australian's government's official website in order to demonstrate how throughout the last few years (especially since the year 2012-2013) the amount of financial aid that Australia has been giving to many countries has decreased. Her source clearly states this as well as how the country will continue to cut their budget. As the presentation continues she demonstrates how Australia prides itself in their efforts to combat poverty and disease due to the amount of money they give for aid. It lists 12th with an amount of 3.7 billion US dollars. She states that Australia has contributed to international humanitarian aid from 2003-2012 but her source does not show this prominently. Her source does not provide any specific dates or comparisons throughout the years it just states that they have funded 3.7 billion US dollars, unsure of what year this number has been pulled from as well. The next slide discusses how she could not find information and facts to support how Sierra Leone has decided to use their aid. This would of been a good argument to give as it would allow the people to know where their money has been put towards and for them to be reassured that it is being spent wisely. In the seventh slide, she discusses how Australia's aid distribution currently looks like. She uses a pie chart to depict what percentage is being used in each section. The only issue with this source is that we are unsure how much money is being put towards the aid as we are only given the percentage that is being used but not what we are starting off with. In the next slide she discusses how she thinks the pie chart to change in order for the aid to be beneficial. In the last few slides she goes over the aid budget cuts which we had seen previously and proposes that we do not cut them. The only issue with this research is that she gives no arguments on how they government would keep on getting all this money from and if the population would be willing to donate more.

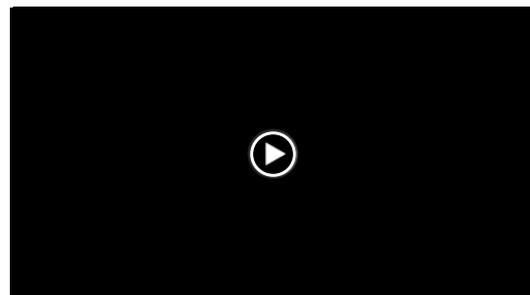
Overall, her presentation was very clear and the information she provided was good. Her argument was convincing but I do not think she had enough present facts to prove that her argument could be done. Some key information was missing as well as some of the data was incomplete as we do not have prior knowledge to the situation in Sierra Leone. I believe her investigation was successful but I would say that it could definitely be improved.

8/12

The student provides an evaluation by describing the strengths and weaknesses of the sources that were used and some of the missing information. Much of the text is a summary of the slides, however comments describing the sources and information are provided. an overall appraisal is provided and developed with some detail.

Question 5 (30 marks)

Imagine you are the curator (*manager*) for a museum exhibition on the topic of social protest. All of the images in the video will feature in the exhibition because they cover a range of issues, providing examples of how artistry can be used in protest.



© www.gransha-taxi.co.uk/falls-road-murals/info_19.html / www.dianemagras.wordpress.com/2012/05/

Using the template below, create an information leaflet to be given to visitors when entering your exhibition to **explain** the topic of social protest. Your leaflet should:

- Include up to **two** images from those available below to support your text
- Define the topic of social protest
- Explain topics or issues which have resulted in social protest
- Use examples from issues you have studied in class
- Consider the strengths and limitations of non-violent protest
- Provide **two** questions to help visitors think critically about the ways people use art and culture to express their perspective of an issue.

Select images



Drop image 1 here



Drop image 2 here

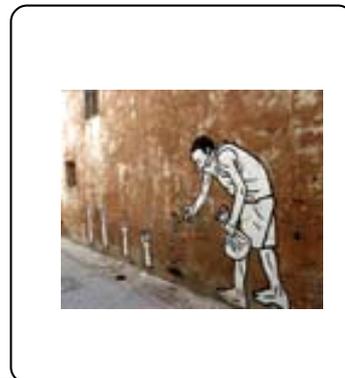


Image 1 caption

The painting by Ikene LAFan who utilized her knowledge and understanding and reflects it through her fast creativity to creatively express the impacts of war towards society in an aesthetic manner. She entwines the stability and innocence of childhood with the instability through the Afghanistan war on civilians and conveys true meaning through the contrast between innocence of children and the threat of bombers. We express the importance and serious note of how our world uses violence to send a message and continues to threaten countries through these vast approaches, killing people and destroying lives and our future children's lives.

Image 2 caption

In addition to the public art in the Arab world, it is utilized as a concept of asserting presence and reclaiming power through image. It portrays a contrast between expressing the sprout of revolution through the eyes of common human struggles in society and freedom and democracy. This form of art is conveyed to understand and comprehend the reality and the whole perspective of the topic of social protest.

Body of the information leaflet

Social Protest

We live in a world where many say that we have fully entitled to what we believe in and freedom of speech, we live in a world where no matter what we think or believe in we will still get judged and reclaimed to what approaches we think should be taken. Our opinions and worries are not taken into account while we witness a deconstruction of society and yet have no say in what we believe is correct. We protest through the use of image and text to effectively and efficiently convey what we are too afraid will never be heard or taken into consideration, we show the world and our society that things need to change in hopes that one day, we take into account that we live in a world where we watch the development of our country fade.

Information Leaflet

Social protest is a very serious matter now a days, which people use in order to change or reconstruct a term in ways that they believe will better the community to adapt to a more developed and efficient society. However in addition to this we protest with what we believe in, however many do not equally agree

But when we ignore or avoid change, as a result to social protest many individuals obtain many vast opinions and perspectives, we get angry or confused when others don't equally believe in what we believe. We have globalization, the interaction and integration of others and companies and different cultures and beliefs and yet we still sit here wondering why no one is listening so we fight, we use violence as a means for people to hear our voices, and construct a war in which the conflict between various opinions crashes.

Martin Luther King, I have a dream, protest in consideration to equal rights amongst both black and white individuals. He expressed the matter of importance that future generations will manipulate and destroy the lives of many due to the colour of their flesh. This was a non-violent protest which has marked history and will forever change the world.

Non-violent protest:

Strengths:

- Harmonize Humanity, no fights, no deaths
- Allows others to relate to what is being said
- We intertwine opinions and perspectives in order to successfully conclude an outcome

Limitations:

- Our opinions are sometimes ignored
- We are avoided and our perspectives show no interest or importance to the decisions being made as they believe this will better society without taking into consideration others.

Slightly unclear.

Example provided.

Nice introduction to social protest.

Organisational structure is sometimes effective and occasional links between paragraphs are present. Sub-headings support the organisation and flow of the text.

Emotive language and inclusive pronouns used to engage the reader.

First question for visitors

in what way do you believe that the variety of art forms is a way of expressing ourselves?

Second question for visitors

In your opinion do you believe they obtain an impact towards society and the world we live in? If so how?

Both questions together demonstrate insight.

Criterion A 6/10

Criterion C 8/20

Question 6 (12 marks)

Shale gas extraction, also known as hydrofracking or fracking, is promoted by some as an environmentally friendly form of energy. However, many do not agree. Throughout this task you will be asked to explore different perspectives on the topic of sustainable development. Use the definition below and knowledge from your MYP studies to answer question parts (a) to (c).

The Brundtland Commission’s report defined sustainable development as “*development which meets the needs of current generations without compromising the ability of future generations to meet their own needs*”.



Question 6a (4 marks)

Social



Describe two positive social outcomes of sustainable development.

- Sustainable development causes us to create newer and more environmentally friendly sectors of the economy. This is important because it means that less toxins and waste will be left behind for future generations. The concentration of carbon dioxide in our atmosphere is increasing as well as the amount of carcinogens. This is evidence of the lack of sustainable development. Our health and the health of the future generations will be affected.
- Creates equality between people. Sustainable development creates a society where people only have what they need. This will create more equality because there would not be so much flamboyant homes and excessive use of cars etc...

1/4 The first point refers to an economic outcome not a social outcome. The second point states but does not clearly describe the role sustainable development would have in creating equality.

Question 6b (4 marks)

Economic



Describe two positive economic outcomes of sustainable development.

- Sustainable development creates jobs for people. New sectors are opening up in an aim to keep their productions and service sectors as green as possible. This is creating new possibilities for the job market.
- Creates new alternative products to solve different issues. This means that more goods and services are being provided. This raises the overall GDP of the country which may promote an LEDC to an MEDC.

4/4

Question 6c (4 marks)

Environmental



Describe two positive environmental outcomes of sustainable development.

- Sustainable development, by its definition means that the activity of future generations will not be hindered. This could mean also apply to the ecosystem. Sustainable development reduces the amount of habitat loss of different species and therefore reduces the extinction rates.
- Reduces deforestation because we only take what we need. This preserves the landscapes and helps maintain the CO2 levels we are altering. This links to the social effects which involves our health.

4/4 Student describes two environmental outcomes.

Question 7 (8 marks)

Source D



Here are some positive benefits fracking has brought to America.

1. The price of oil is 20% lower than what it would be otherwise. Natural gas prices in America have plummeted. As a result, natural gas is at least 80% cheaper here than the rest of the world.
2. Low gas prices have led to growth in America's manufacturing sector.
3. American energy independence is possible for the first time in history.
4. We have reduced our CO₂ contribution. Our greenhouse gas emissions are at their lowest rate in 20 years.
5. We offer high paying jobs and pay far more of our income as taxes and fees than virtually any other industry.
6. Every year, drilling brings multibillion dollar transfer payments to rural and agricultural communities across America.

By drillinginfo

In terms of its origin, purpose, values and limitations, **analyse** the usefulness of **Source D** to an MYP student studying fracking (*Shale gas extraction: process of drilling down into the earth to release gas inside*).

Question 7a (1 mark)

Origin

An article from "Drilling Info" released in October 5, 2012.

1/1

Question 7b (1 mark)

Purpose

The purpose is too inform the reader about "reasons why fracking improves American lives" (Source D).

1/1

Question 7c (3 marks)

Three values

Gives economic benefits including statistics. Gives environmental benefits including statistics. Is specialized in providing such information.

2/3 Points one and two the same - scope of information.

Question 7d (3 marks)

Three limitations

Does not talk about social implications. Only talks about benefits in America and does not give the evaluation of the negatives. Does not state the global impacts of Fracking.

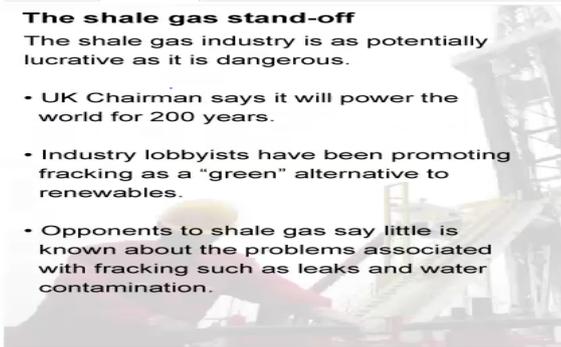
2/3 Two limitations stated. Bias/one-sided and limited scope.

Question 8 (30 marks)

The shale gas stand-off

The shale gas industry is as potentially lucrative as it is dangerous.

- UK Chairman says it will power the world for 200 years.
- Industry lobbyists have been promoting fracking as a "green" alternative to renewables.
- Opponents to shale gas say little is known about the problems associated with fracking such as leaks and water contamination.



Adapted from: www.theguardian.com/environment/interactive/2011/apr/26/shale-gas-hydraulic-fracking-graphic

More dynamic economy

Posted 10/05/2014 5:20 pm EDT | Updated: 12/05/2014 5:59 am EST

More dynamic economy:
Fracking brings more jobs to the area.



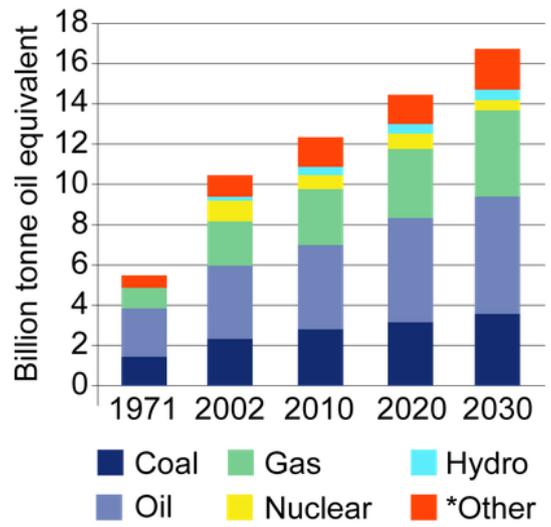
Risks are real but readily manageable.

Over 175 000 wells fracked in Canada without conclusive evidence of significant harm to the environment.

Natural gas is an improvement over both conventional pollutant emissions and greenhouse gas emissions.

www.huffingtonpost.ca/mark-milke/new-brunswick-energy

Projected future demand



*Includes geothermal, solar, wind, heat, etc

www.news.bbc.co.uk



Several reports have concluded that the shale gas industry in the US has had a profound, positive economic impact, such as reducing consumer costs of natural gas and electricity, stimulating economic growth and increasing federal, state and local tax revenue.

www.shale-gas-information-platform.org/what-are-the-benefits.html



Adapted from: ec.europa.eu/environment - Shale gas risk or opportunity? / AFP 2012 Shale Gas - a controversial fuel

Imagine a company wants to extract natural resources from a community of your choice. You should use the sources and/or knowledge from your MYP studies to **discuss** whether the economic benefits outweigh the environmental concerns.

In your essay you should:

- Name the community and resource that you have chosen
- Consider the economic benefits
- Consider the environmental concerns
- Consider possible perspectives of the local residents and the resource extraction company
- Include a conclusion to state whether you think the economic benefits of the resource extraction outweigh the environmental concerns.

Natural resources are a commodity that every country needs. It can help the population of a country or it can be traded for economic purposes. Fracking is a highly controversial process that extracts resources from the ground in a quick and effective manner. In this essay, I will be mentioning fracking's economic benefits, environmental concerns, the perspectives of both the residents in America and the resource extraction company on the extraction of oil, and my opinion on fracking.

One reason why fracking is a commonly used process in extracting resources from the ground, is because of the numerous economic benefits it provides. In America, fracking has led that natural gas price to be 80% cheaper than the rest of the world. These low gas prices has led to growth in America's manufacturing sector. Fracking has also led America's greenhouse gas emissions to be at its lowest rate in 20 years.

Despite all the economic benefits that fracking provides, there are many environmental concerns about the process of fracking. Fracking is a dangerous process as it puts workers at risk and it can also cause earthquakes because the drilling process can disturb tectonic plates. Fracking can also cause pollution as it can severely pollute the tap water of nearby residents. In one case, a woman who was near a fracking site, put a lighter beneath the sink and the lighter ignited because of the methanol that was emitted due to the fracking process.

Local residents will disagree with the extraction of oil because of the environmental concern and health concerns with the process of fracking. Fracking creates contaminated tap water and this will cause the local residents to disagree with the fracking process. The resource extraction company on the other hand, will persist in fracking because of the numerous benefits it will create.

In conclusion, I do not think that the economic benefits outweigh the environmental concerns. There will always be other processes that will provide the same benefits as fracking, but these processes will not create the same environmental concerns as fracking. As a society, we must always put the needs of people before the economic benefits. Fracking contaminates water and harms the living conditions of citizens, which is why we must put an end to fracking. As a result of fracking contaminating water, it goes against sustainable development as in the near future, it will create more contaminated water which puts future generations at risk.

Criterion A 7/10

Criterion C 7/10

Criterion D 7/10

Paragraph 2: this should be included with environmental concerns - counter argument.

Student discusses the economic benefits and environmental concerns of fracking in a community. Examples and terminology are used to demonstrate substantial knowledge and understanding. Impacts of perspectives stated.

Clear intro - use of I not entirely consistent with register and style of an essay.

Clearly defined paragraphs that link. Mostly arguments build on each other although counter argument for the economic benefits are included in the environmental concerns and vice versa - this is mostly organised but not completely.

Arguments are synthesized to form a clear conclusion.

Discusses benefits and concerns. Synthesizes information to make clear arguments, including effective links to sustainability. Interprets perspectives of local residents and the company, however the latter is vague.