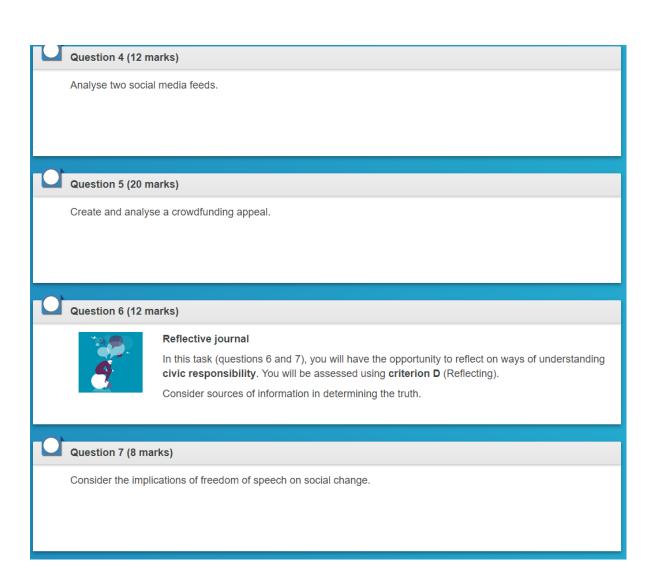
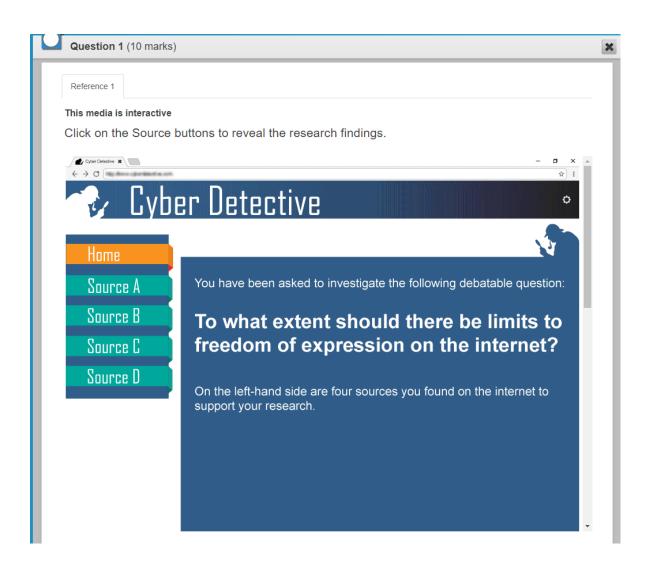
2019 May IDU eAssessment

Pre-Release Material - http://idprm.ibo.org/m19.html#/English

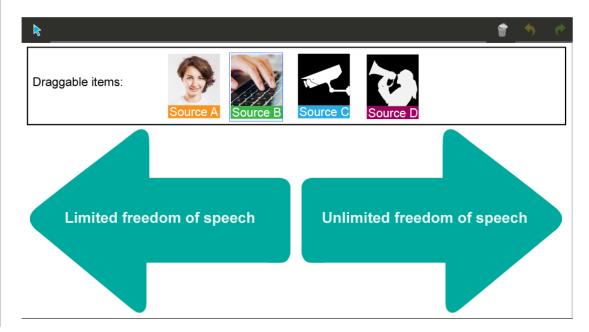


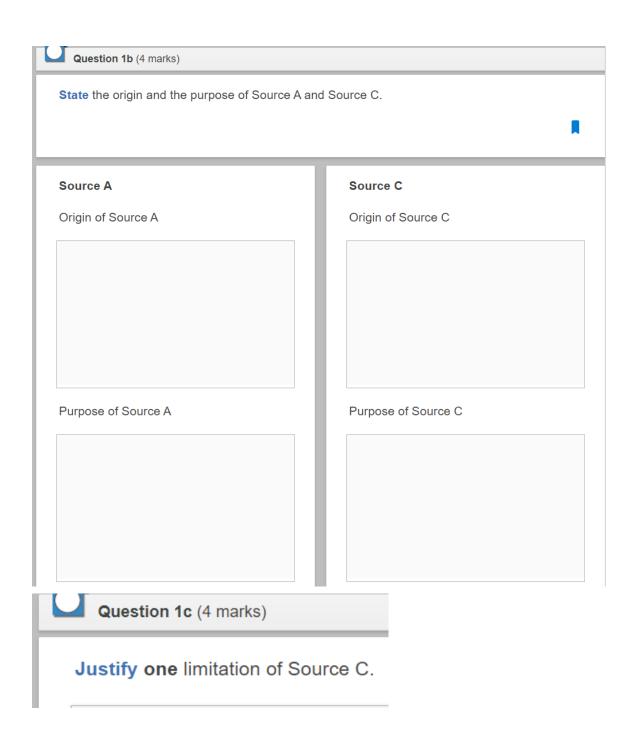






The diagram below represents different perspectives on the issue of freedom of speech. **Identify one** source making a case in favour of limited freedom of speech and **one** source in favour of unlimited freedom of speech. Drag and drop the source into the appropriate arrow in the diagram.





Question 2 (10 marks)

Reference 2 transcript

Reference 3

The transcript is for the video from Reference 2 which is available in the pre-release material.

Video script:

Nudge!

How to convince people to make different decisions.

People don't always act rationally. Most of the time people act irrationally, but they do this in a predictable way.

We can use this knowledge to influence the decisions people make with a nudge.

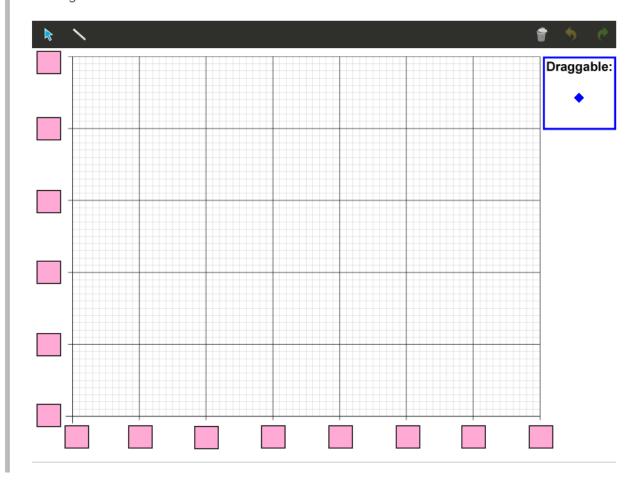
There are three types of nudging techniques:

- Anchoring
- Defaulting
- Framing



The data from the nudge theory in **reference 3** can be represented in a scatter plot in order to look for patterns and make predictions.

Construct a scatter plot to represent the percentage of monetary target achieved against the average size of donation.

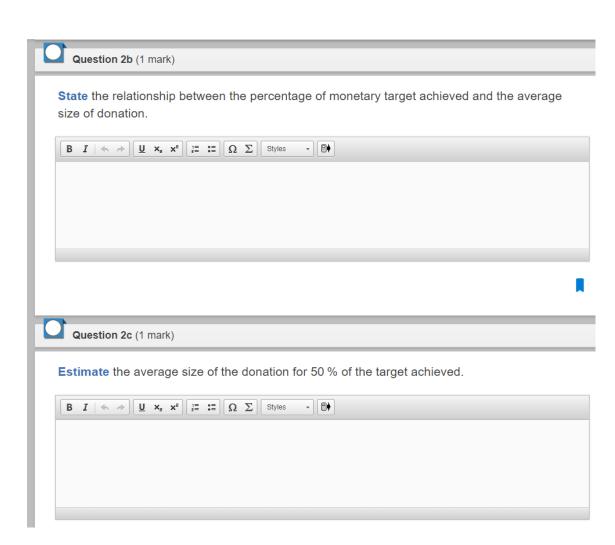


x axis label:



y axis label:







Suggest a reason why you would not predict the size of the donation for 80 % of the target achieved.





Question 2e (3 marks)

Key concept: Relationships

Relationships in MYP mathematics refers to the connections between quantities, properties or concepts and these connections may be expressed as models, rules or statements.

Relationships provide opportunities for students to explore patterns in the world around them.

Connections between the student and mathematics in the real world are important in developing deeper understanding.

Source: International Baccalaureate Organization 2019

Explain why the key concept of relationships is important in nudge theory. In your answer, you must use **two** examples to support your answer.



The transcript is for the video from Reference 2 which is available in the pre-release material.

Video script:

Nudge!

How to convince people to make different decisions.

People don't always act rationally. Most of the time people act irrationally, but they do this in a predictable way.

We can use this knowledge to influence the decisions people make with a nudge.

There are three types of nudging techniques:

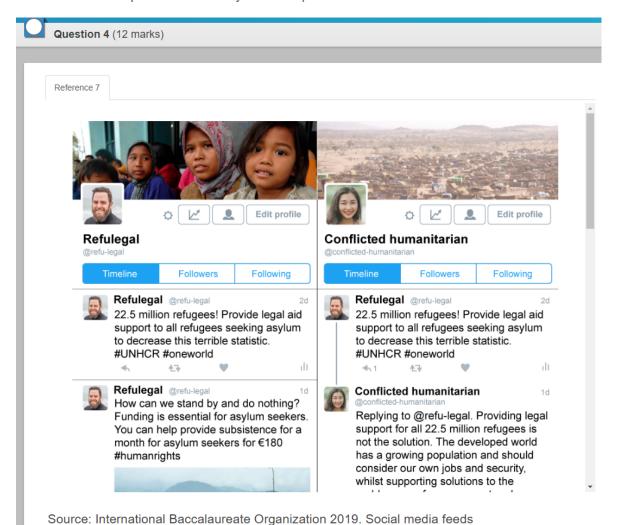
- Anchoring
- Defaulting
- Framing

A local charity has decided to set up a crowdfunding page to raise some money. They are aware of nudge theory but are unsure which technique to use to increase the amount of money they receive.

Create a presentation to inform the local charity which nudge technique they should use and why. In your presentation, you must include:

- an example from the pre-release material where this technique has been used
- an explanation of how the selected technique works
- · data showing how this technique can increase donations.

Use the drawing canvas to create your presentation and write an answer to explain how the selected technique works and why in the response box below the canvas.



Compare and contrast the two social media feeds in reference 7. In your answer, you must:

- · refer to perspectives on refugees and legal aid support
- refer to the use of data and sources
- provide directly linked similarities and differences between the posts
- provide a conclusion.



The transcript is for the video from Reference 2 which is available in the pre-release material.

Video script:

Nudge!

How to convince people to make different decisions.

People don't always act rationally. Most of the time people act irrationally, but they do this in a predictable way.

We can use this knowledge to influence the decisions people make with a nudge.

There are three types of nudging techniques:

- Anchoring
- Defaulting
- Framing

You have decided to use crowdfunding to raise money for legal support for refugees. You should use information from the four references above to maximize the impact of your crowdfunding page.

Create a crowdfunding page to convince people to donate to your cause. In your answer, you must:

- · provide numerical and social reasoning
- refer to issues and solutions
- use techniques and information from the pre-release material.

Use the drawing canvas to create your crowdfunding page and explain why people should donate to your cause in the response box below the canvas.



Question 5b (8 marks)

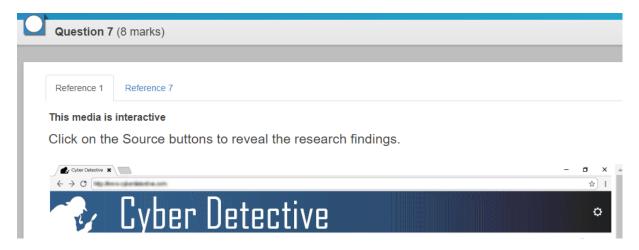
Analyse how you have integrated numerical and social reasoning to create an effective crowdfunding page. In your answer, you must refer to:

- · examples of numerical reasoning you have used in your crowdfunding page
- · examples of social reasoning you have used in your crowdfunding page
- evidence from the pre-release material to support your analysis.



To what extent can someone know the truth if they only receive their information from one source? In your answer, you must include:

- · a justification of when it is appropriate to only use one source
- a justification of when it is not appropriate to only use one source
- · evidence from the pre-release material to support your arguments
- · a conclusion.



Evaluate how freedom of speech is important to facilitate social change from your perspective. In your answer, you must include:

- · strengths of freedom of speech
- · limitations of freedom of speech
- an example from your "service as action" experience
- a conclusion.