



**Question 1** (2 marks)

You and your classmates have been asked to be part of a group of researchers working on a new TV documentary series informing people about the significance of innovation in history. The first episode is about how key inventions have changed the way we view and understand the world; it will focus on the invention of the microscope but has not yet been finished.

Watch an extract from the first episode and answer the questions that follow.

Video

Transcript

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It is unclear who should be given credit for inventing the microscope. However, the work of people such as Antonie van Leeuwenhoek in the development of the microscope has contributed to significant improvements in human health.

How could theories about germs have been developed if human beings had no knowledge that bacteria existed?

The microscope revolutionized the way we saw and understood the natural world. And over time, it has provided us with improved knowledge so that we can better combat disease.

Like many other innovations and developments in history, the microscope has made further discoveries possible and provided new ways of overcoming the challenges facing society.



Question 1a (1 mark)

**Select** the related concept that is most appropriate to the topic of the episode: how key inventions have changed the way we view and understand the world.

- Select
- Select
- Governance
- Significance
- Conflict
- Ideology



Question 1b (1 mark)



**Question 1b** (1 mark)

**Select** whether the following statement is true or false.

The microscope has led to improvements in human health.

- True
- False



Question 2 (4 marks)

Other than the microscope, **explain** the significance of **one** invention that has changed the way we understand the world.

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**Question 3** (8 marks)

Some of your classmates have been given one week to further investigate the origins of the microscope. Their aim is to add more factual information to the episode and write a new script for the documentary. They have organized their investigation in the following way:

RESEARCH KEY FACTS AND INFORMATION ABOUT THE INVENTION OF THE MICROSCOPE.

BY DAY 2

Read the following sources

Cox, Lauren. "Who Invented the Microscope?"  
Livescience.com September 13, 2013.

Ford, Brian J.  
Single Lens: The Story of the Simple Microscope.  
Harper & Row, 1985.

Klooster, John W.  
Icons of Invention: The Makers of the Modern World  
from Gutenberg to Gates. Greenwood, 2009.

Macfarlane, Alan, and Martin, Gerry.  
Glass: A World History.  
University of Chicago Press, 2002.

RESEARCH QUESTION:

What were the key factors in the development of the microscope?

BY DAY 3

Answer the following questions:

- 1) Was the microscope invented by one person?
- 2) What role did time and space play in the development of the microscope?
- 3) What was the original purpose of the microscope?

BY DAY 6

Review findings and write the new documentary script.

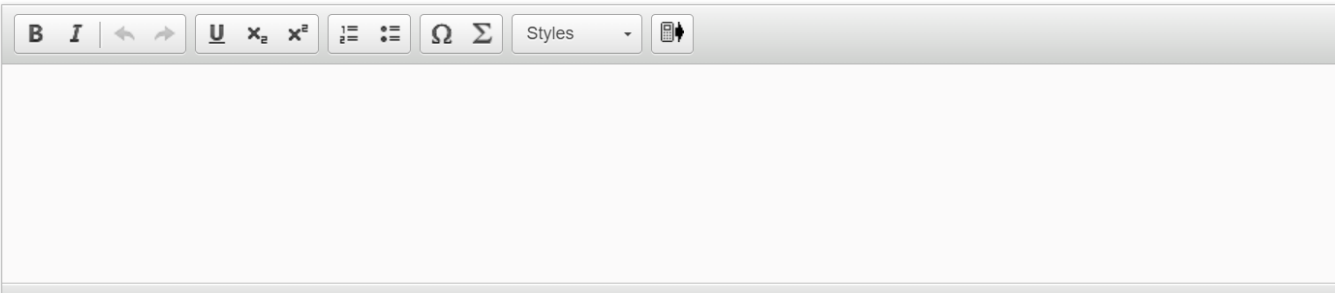
BY DAY 7

Submit findings to the documentary producer.



**Evaluate** the investigative process undertaken by the research team. In your response, consider the following:

- the purpose of the investigation
- the research question and sub-questions
- sources consulted.



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**Question 4** (12 marks)



**Question 4a** (2 marks)

You have been asked to carry out an investigation for the second episode of the documentary series. The episode will be about the influence that time, place and space has had on pioneers, innovators and developers. The title of the episode will be:

**“Where you are matters as much as *who* you are”**

Choose **one** pioneer **or** innovator **or** developer to be the focus of the second episode.

With reference to your chosen pioneer, innovator or developer, **formulate** a clear and focused research question relevant to the title of the episode.



**Question 4b** (4 marks)

**Justify** the relevance of your research question to the title of the episode.

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**Question 4c** (4 marks)

**Explain** why **one** research method from the list below is the most appropriate for your investigation:

- archival research
- personal interviews
- surveys
- biographical accounts.

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**Question 4d** (2 marks)

Using the research method you chose in part (c), **identify two** pieces of information (such as facts, figures, or specific data) that you would want to collect as evidence in your investigation.

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### Question 5 (18 marks)

You have been asked to give a presentation to your MYP History class on the role that globalization has played in history. You must write a script for your presentation and annotate the world map to support your argument.

Use your script and world map to **explain** the impact of global trade and exchange during a specific time in history.

Your presentation:

- must refer to your annotated world map
- must refer to **at least one** example
- may consider positive **and/or** negative impacts
- should be suitable for the intended audience.

Write the script for your presentation here.

**B** *I* | ← → | U  $x_2$   $x^2$  | |  $\Omega$   $\Sigma$  | Styles ▾ |

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Annotate the map below to support your script. You have the option to use the response box below to create a key/legend for your map if you want to.

Annotation toolbar with icons for selection, text, arrow, eraser, trash, undo, and redo.

Draggable items: [undo] [left arrow] [right arrow] [redo] [1] [2] [3] [4] [5] [6] [7] [8] [9] [10]

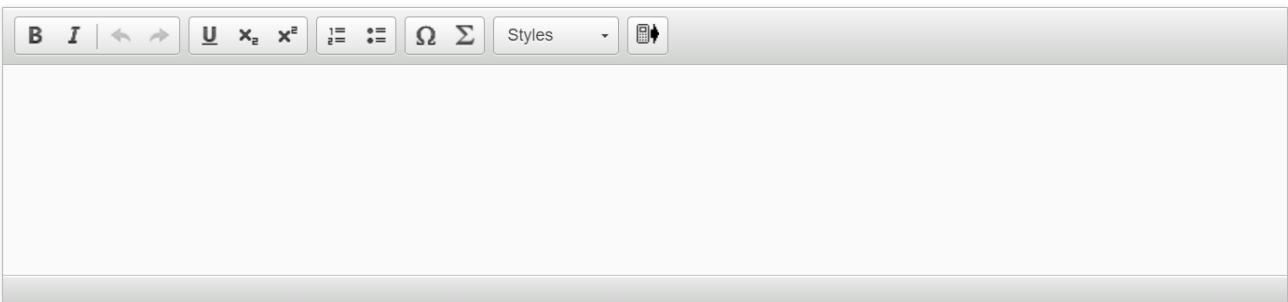
A world map showing the continents of North America, South America, Europe, Africa, Asia, and Oceania. The oceans are labeled as Arctic Ocean, Atlantic Ocean, Indian Ocean, and Pacific Ocean. A north arrow is located in the top right corner. The map is overlaid with a grid of latitude and longitude lines.



Draggable items:



**Optional:** Write your key/legend here.



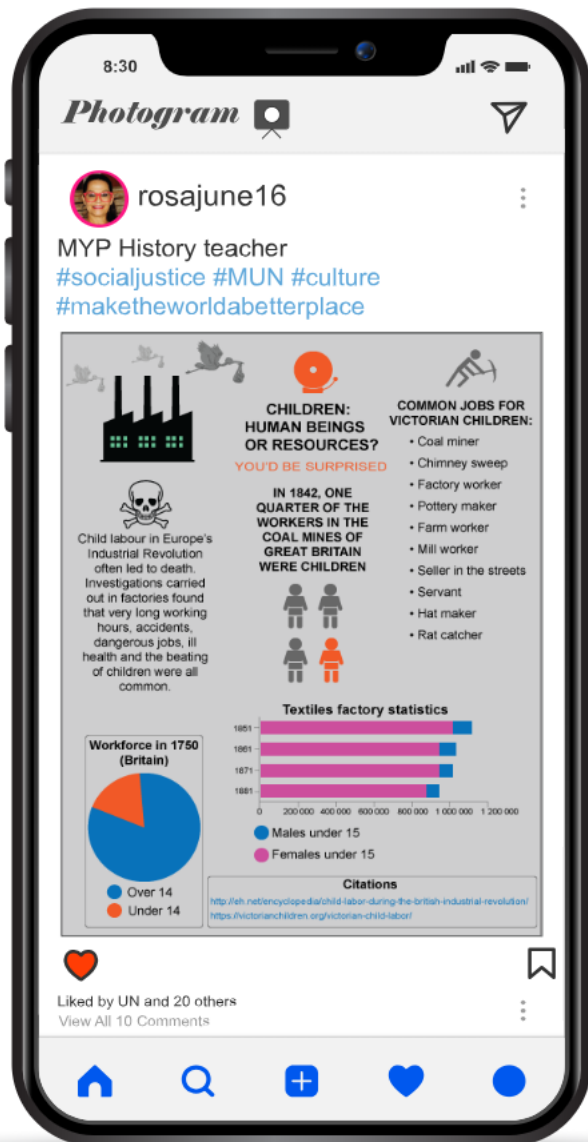
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**Question 6** (6 marks)

The infographic about child labour in **Source A** below was posted on a social media platform by a user known as rosajune16. Click on the infographic to expand the image before answering the questions that follow.

You will consider the usefulness of the infographic in **Source A** for an MYP student studying child labour throughout history.





**CHILDREN: HUMAN BEINGS OR RESOURCES?**  
YOU'D BE SURPRISED

Child labour in Europe's Industrial Revolution often led to death. Investigations carried out in factories found that very long working hours, accidents, dangerous jobs, ill health and the beating of children were all common.

**COMMON JOBS FOR VICTORIAN CHILDREN:**

- Coal miner
- Chimney sweep
- Factory worker
- Pottery maker
- Farm worker
- Mill worker
- Seller in the streets
- Servant
- Hat maker
- Rat catcher

**IN 1842, ONE QUARTER OF THE WORKERS IN THE COAL MINES OF GREAT BRITAIN WERE CHILDREN**

**Workforce in 1750 (Britain)**

Age Group	Percentage
Over 14	~75%
Under 14	~25%

**Textiles factory statistics**

Year	Males under 15	Females under 15
1851	~100,000	~900,000
1861	~100,000	~850,000
1871	~100,000	~800,000
1881	~100,000	~750,000

**Citations**

<http://eh.net/encyclopedia/child-labor-during-the-british-industrial-revolution/>  
<https://victorianchildren.org/victorian-child-labor/>



Question 6a (1 mark)

**State** the origin of the infographic in **Source A**.

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Question 6b (1 mark)

**State** the purpose of the infographic in **Source A**.

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**Question 6c** (4 marks)

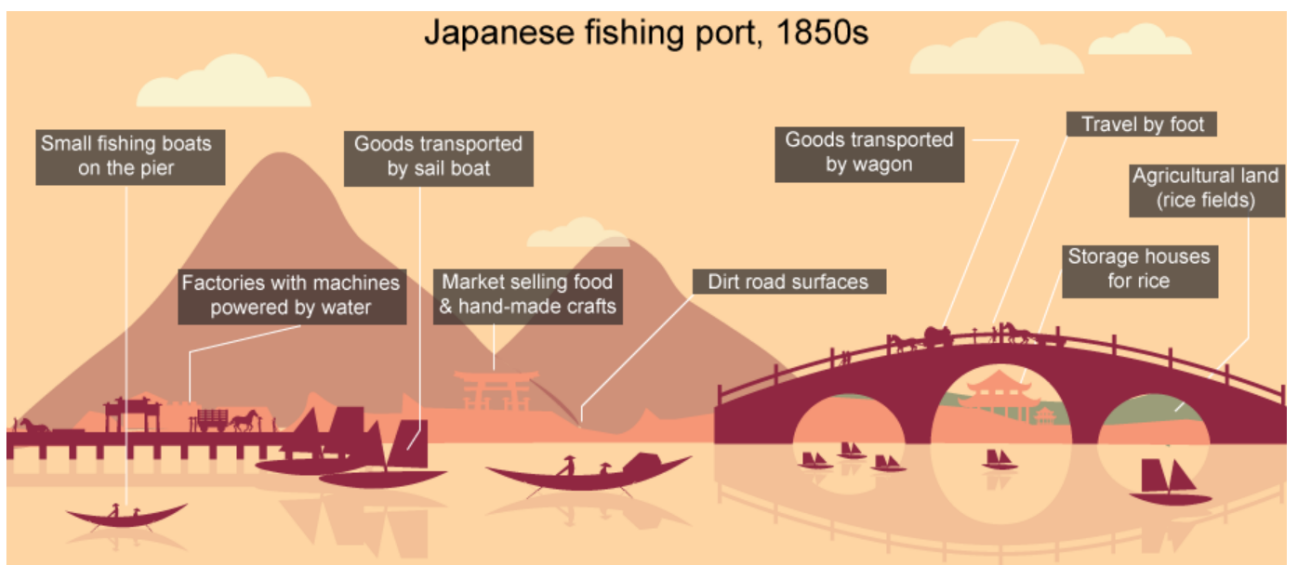
**Explain one** value **or one** limitation of the infographic in **Source A** for an MYP student studying child labour throughout history.

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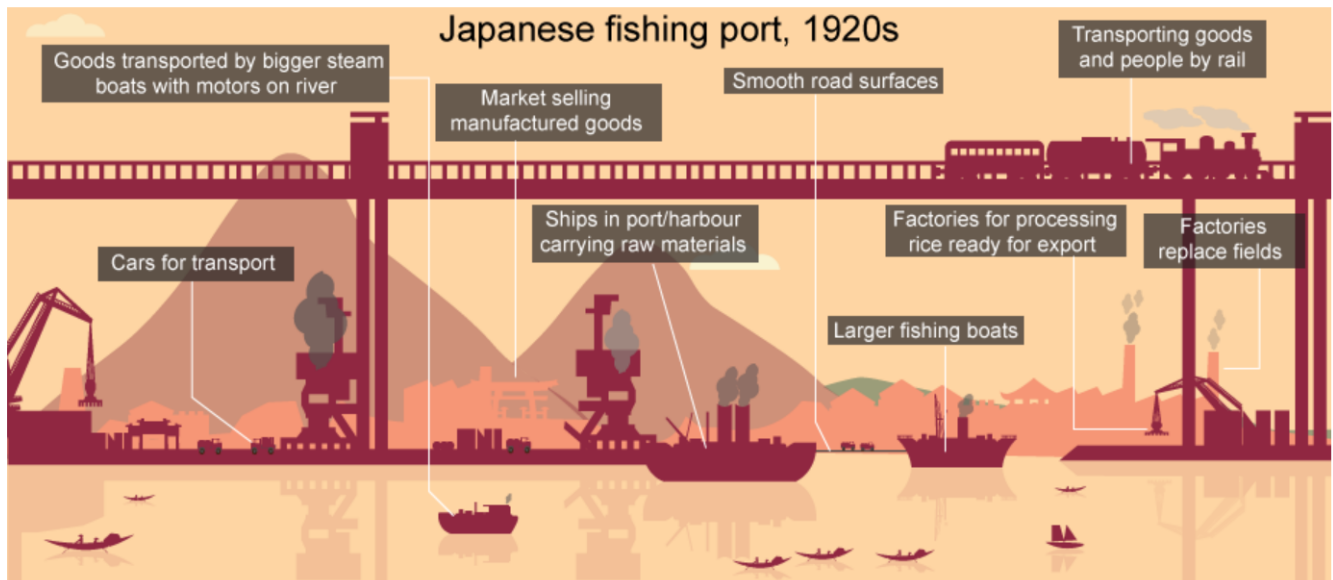
**Question 7** (6 marks)

Source B shows the changes that happened to a Japanese fishing port over time.

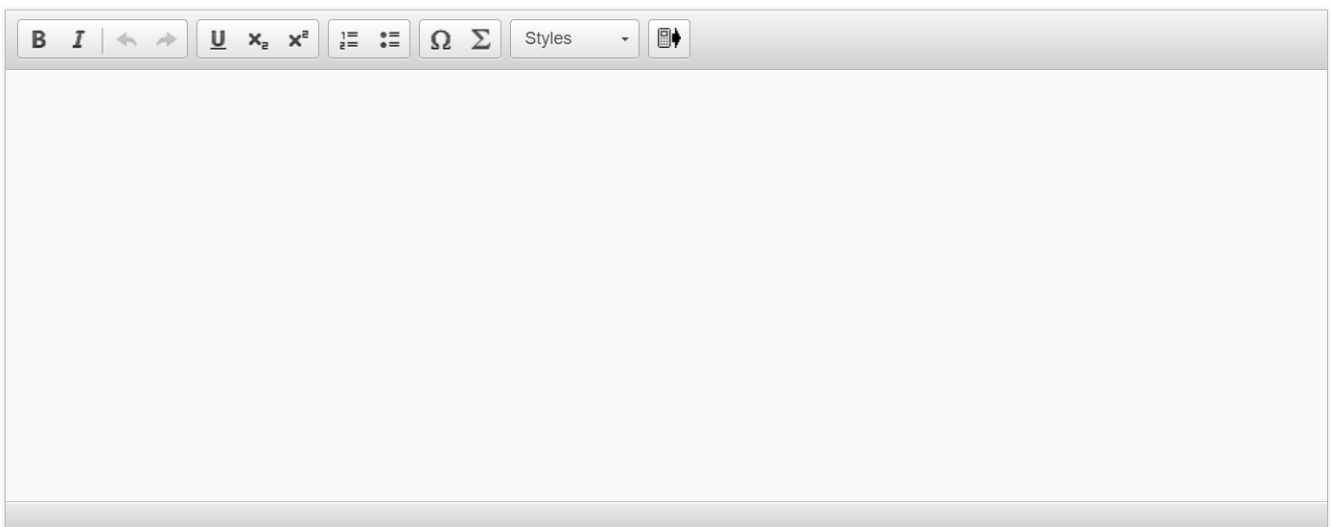
**Source B**



## Japanese fishing port, 1920s



Using **Source B**, **analyse** the significance of industrialization for Japanese society between the 1850s and 1920s.



The image shows a blank text editor window. The toolbar at the top includes the following icons from left to right: Bold (B), Italic (I), Undo (left arrow), Redo (right arrow), Underline (U), Subscript (x<sub>2</sub>), Superscript (x<sup>2</sup>), Bulleted List (three horizontal lines with a dot), Numbered List (three horizontal lines with numbers), Link (Ω), Unlink (Σ), Styles (a dropdown menu labeled 'Styles'), and Print (a printer icon).



Question 8 (24 marks)

In a well-structured essay, **discuss** the key factors that caused industrialization in history.

In your essay you:

- **must** refer to **at least one** location or region
- **must** consider **at least two** of the following factors: economic/political/social/technological.

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