Science as a Human Endeavour Investigation NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# SHE Task Scaffold

## Topic

Write the topic you have chosen or been given for this task:

## Sources

Find three articles which discuss the work of scientists and are relevant to the topic.

Write each article as a properly formatted reference:

Source 1:

Source 2:

Source 3:

## SHE Concepts

Tick the one or two aspects of the work of scientists most seen in the above articles:

* Science is a global enterprise that relies on clear communication, international conventions, and review and verification of results.
* Collaboration between scientists, governments, and other agencies is often required in scientific research and enterprise.
* Development of complex scientific models and/or theories often requires a wide range of evidence from many sources and across disciplines.
* New technologies improve the efficiency of scientific procedures and data collection and analysis. This can reveal new evidence that may modify or replace models, theories, and processes
* Advances in scientific understanding in one field can influence and be influenced by other areas of science, technology, engineering, and mathematics.
* The acceptance and use of scientific knowledge can be influenced by social, economic, cultural, and ethical considerations.
* The use of scientific knowledge may have beneficial or unexpected consequences; this requires monitoring, assessment, and evaluation of risk and provides opportunities for innovation.
* Science informs public debate and is in turn influenced by public debate; at times, there may be complex, unanticipated variables or insufficient data that may limit possible conclusions.

## Source 1 Analysis

Describe the work of scientists in Source 1:

Explain how this work shows one or both of the ticked aspects.

Describe the potential impact on society, environment, economy, or further research.

## Source 2 Analysis

Describe the work of scientists in Source 2:

Explain how this work shows one or both of the ticked aspects.

Describe the potential impact on society, environment, economy, or further research.

## Source 3 Analysis

Describe the work of scientists in Source 3:

Explain how this work shows one or both of the ticked aspects.

Describe the potential impact on society, environment, economy, or further research.

## Conclusion

Write a one sentence summary of the analysis of each source:

Source 1:

Source 2:

Source 3:

## Focus Sentence or Question

Write a sentence which would be answered by the conclusion summaries:

## Explanation of Relevant Science

Choose three concepts from the Learning Intentions that are relevant to this topic.

Explain each concepts using your own knowledge and understanding.

Concept 1:

Concept 2:

Concept 3: