

Science as a Human Endeavour Investigation

The purpose of this task is to investigate Science as a Human Endeavour by researching and reporting on a focus question related to **metal extraction or mining**.

Report length: Maximum 1000 words (or equivalent, e.g. 6-minute presentation).

Task instructions:

1. Do some initial research and find at least three sources which describe science as a human endeavour related to metal extraction or mining. You should try to find sources that share a common theme, for example they might be about the same metal or a similar issue in mining.
2. From your initial research, decide on one or two SHE concepts that is/are most evident, and write a focus sentence or question which describes the findings of your research sources.

Note: Regardless of which concept you choose, you will be expected to discuss potential impact. For this reason, only choose **Application and Limitation** if your Connections to SHE section is discussing some other aspect such as unexpected consequences or influence of public debate.

Your question (or chosen SHE concepts) may change over the course of your research.

3. Continue your research, finding sources of information on your topic from at least three different organisations or web sites, keeping note of your sources as you go.
Your research notes must be handed in along with your report but there is no requirement for how these should be formatted.
4. Write a report, including these sections:
 - **Introduction** (describing the purpose and focus of the report)
 - **Explanation of relevant science** (your understanding of some of the chemistry involved)
 - **Connections to SHE** (relating the focus sentence to your chosen SHE concepts)
 - **Potential impact** (e.g. effect on society, environment, economy or further research)
 - **Conclusion** (summary of findings or answer to the question)
 - **Reference list** (and in-text referencing).

