

SCIE258 HW4c: Polished draft of the research paper

For this assignment, you should submit a complete and polished draft of your research paper. Submit the assignment to Moodle as a single document in PDF format. Any reasonable formatting may be used. As described in the earlier parts of this assignment, the paper will be an explanation and discussion of a topic in the history of science. The paper should include a description and discussion of the artifact on which you have done archival research for earlier parts of this assignment. The scope of this discussion is up to you; the discussion of the artifact could form a small or large proportion of the paper. However, it is essential to link the artifact to a larger topic in the history of science, providing historical context and scientific analysis. You are not required to follow the outline you submitted in HW4b. You should take into account any feedback received from the instructor regarding the outline, adapting it to produce the best possible research paper.

To obtain an excellent grade, the paper should adhere to the following guidelines:

- The paper should provide analysis or insight that goes beyond straightforward historical narrative and description of scientific objects or ideas. A paper that lacks analysis and relies entirely on descriptions will receive at most a *B* grade.
- Length is between 2500 and 4000 words.
- The target audience is a scientist who has read Gribbin but has no specific knowledge of your artifact or your chosen topic.
- Provide evidence of detailed and careful archival research conducted in London and directed towards your artifact.
- Include a bibliography and in-text citations, correctly and consistently formatted in any commonly accepted bibliographic style. The text, bibliography, and citations should demonstrate substantial research beyond the archival research done in London.
- Punctuation, spelling, and grammar are important.
- Historical and scientific accuracy is important.
- Clarity of technical explanations is important.
- Structure is important. There is no single correct structure; use your own creativity and judgment in deciding how to structure your paper so the reader is both engaged and informed. Usually, this requires an introduction that provides an overview of the content and a conclusion that summarizes the content; the detailed content itself should provide smooth transitions and clear signposts to the reader indicating the topics being discussed.