

Criterion D: Reflecting on the impacts of science

- *Activity: Life on Mars*

Individual reflection on the impacts of science by researching and reporting on the feasibility of populating the planet Mars, either by providing technical solutions or by terraforming its systems.

Task

Evaluate the feasibility of moving to Mars and setting up life there. Your report should be between 1000 and 1500 words. (2-3 pages long)

- **Explain and Discuss the problem you are trying to solve and the scientific solution to this problem, this is called “your project”. Include timeframes involved.**
- **You could include technical solution like transportation of goods, infrastructure, conservation of supplies.**
- **You may also discuss moral, ethical, social, economic, political, cultural and environmental factors interacting with your project.**
- **You will demonstrate appropriate communication skills for a scientific audience, for example, terminology and details of chemical reactions involved.**
- **Document all sources of information.**