THE UNIVERSITY OF QUEENSLAND

EDUC1706 *Introduction to role of science and technology education in society*

Assessment Task 2
Scientific Argument – Infographic and Essay

Due Date: Week 6
Weighting: 30%

Task Description

You are to apply your knowledge and skills by developing a scientific argument around a biological science-based issue. You must develop and justify a stance on your chosen issue using scientific evidence.

Task Products
1. Infographic (100 words)
   - Graphic visual representation of information, data or knowledge intended to present particular information quickly and clearly.
   - Submit the infographic as a one-page PDF (that could be printed as a poster or flyer).
   - A second page should be included with appropriate references.
2. Essay (1000 words) containing:
   - **Introduction**. Outline the issue selected, why it is important or controversial and how it links to scientific literacy.
   - **Review of literature and popular media**. Analyse and synthesise the information to evaluate the authenticity of the information.
   - **Develop a stance**, for or against and justify that position (claim, evidence, reasoning).
   - **Articulate the opposing position** and demonstrate its weakness.
   - **Conclude** by summarising why you think your position is the important choice.
   - **References.** Use **APA** style referencing within the essay and reference list. The infographic should reference you as the author. The reference list should contain only references used directly in task.

Appendix 1: Course Outlines

Australian Professional Standards for Teachers:

Focus	Descriptor
2.1 Content and teaching strategies of the teaching area	Demonstrate knowledge and understanding of the concepts, substance and structure of the content and teaching strategies of the teaching area.
2.2 Content selection and organisation	Organise content into an effective learning and teaching sequence.
2.6 Information and communication technology (ICT)	Implement teaching strategies for using ICT to expand curriculum learning opportunities for students.