

e-Portfolio Activity: Literature Review and Research Proposal Outlines

My review topic will be 'The impact of modern technology on student learning experiences in higher education.'

1. What is the focus and aim of your review? Who is your audience?

The review will examine the impact of modern technology on student learning experiences in higher education. It aims to synthesise research on the benefits and challenges associated with technology use, targeting educators, policymakers, and researchers interested in optimising student learning outcomes in the digital age (Haleem et al. 2022).

2. Why is there a need for your review? Why is it significant?

The rapid pace of technological integration necessitates a review of its impact on teaching and learning (Verma, 2023). Understanding how technology influences engagement, knowledge retention, and collaboration is crucial for creating effective learning environments in higher education (Teng & Wang, 2021).

3. What is the context of the topic or issue? What perspective do you take? What framework do you use to synthesise the literature?

The review considers the context of the rising popularity of online learning platforms, educational technology (EdTech) tools, and mobile devices used in higher education (Haleem et al. 2022). It adopts a balanced perspective, acknowledging the potential for technology to enhance learning and its challenges. Thematic analysis will synthesise the literature, focusing on key themes like student engagement, knowledge acquisition, and collaborative learning.

4. How did you locate and select sources for inclusion in the review?

Research articles from credible academic databases will be the primary source. Search terms will include a combination of the terms "technology," "higher education," "student learning," "engagement," "collaboration," and "learning outcomes." Articles published in the past five years will be prioritised to capture the latest developments.

5. How is your review structured?

The review will be structured thematically, exploring benefits like access to information and interactive learning resources. It will then discuss challenges such as digital literacy gaps and information overload. Finally, it will examine strategies for maximising the positive impact of technology in the classroom as per Burr et al. (2020) report.

6. What are the main findings in the literature on this topic?

The review will reveal evidence of technology's potential to enhance student engagement and knowledge acquisition (Kuzu & Kuvvetli, 2023). However, it will likely also identify challenges related to digital literacy gaps and the need to foster community in online learning environments.

7. What are the main strengths and limitations of this literature?

Strengths may include robust methodologies combining deduction and Induction and diverse research contexts. Limitations might involve focusing on specific technologies or learning outcomes, potentially neglecting the broader picture.

8. Are there any discrepancies in this literature?

There may be discrepancies in the effectiveness of different technologies for various learning styles or subject areas. Research on the long-term impact of technology on student development may also be limited (Major et al. 2021).

9. What conclusions do you draw from the review? What do you argue needs to be done as an outcome of the review?

The review will conclude by emphasising the need for a balanced approach that leverages technology's benefits while mitigating its limitations (Major et al. 2021). Future research directions might include exploring the effectiveness of specific pedagogical approaches in online learning environments and investigating the impact of technology on student well-being and social interaction in higher education (Basar et al. 2021).

References:

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