WRITING A LITERATURE REVIEW

Guiding questions to support planning, revising, and refining of a *literature review* *

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

   The review's main objective is to investigate and evaluate how contemporary technology affects college students' educational experiences. The purpose of the study is to look at how students' learning experiences, interactions with the learning environment, and engagement with instructional content are affected using modern technology in higher education. This review considers the different technological tools, platforms, and methodologies used in higher education settings in order to provide a thorough knowledge of the good and negative effects of modern technology on student learning experiences.

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

   For Rapid technological Advancements and to shed more light on how technologies align with various approaches, helping educators make informed decisions on how to integrate them into their teaching methods. It is significant to provide more visibility into the gaps in the educational system and how issues arising can be resolved.

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 context is to give individuals a source of information on the impact of technology in our educational system. Nigeria has been selected as the focus of this research and my perspective is streamlined to public universities.

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

   Sources were selected by clearly defining the scope and objectives of the topic by outlining the specific inclusion criteria such as publication dates, types of sources, peer-reviewed articles, books, and conference papers. Citations and references for articles were examined while exploring the citation indexes such as Google Scholar to identify works that have cited key articles related to the topic.

5. **How is your review structured?**

   The review starts with the introduction clearly stating the purpose and objectives of the review. This is followed by a historical overview of the use of technology in Nigeria universities. Then the theoretical frameworks or models relevant to the impact of technology on student's learning experiences will be highlighted. The methodology used for source selection and analysis will be briefly described. Studies will be explored to delve into the pedagogical implications of the integration of various technologies. The influence of technology on learning outcomes will be reviewed. Emerging trends in educational technology will be discussed.
   All of these will be concluded with highlighting the gaps in the existing research and areas for future investigation will be suggested.

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

   The main findings surround the following ideas:
   -There is a significant difference in the overall experience of students in private and federal universities exposed to modern technology
   - There is a decline in the learning experience of students and schools without sufficient financial

capabilities.
- Open educational resources has exposed students to diverse and advanced learnings outside of their geographical locations.

7.

What are the main strengths and limitations of this literature?

The main strength for the different literatures reviewed is tied to the collectively agreed points highlighted showing that the opportunity areas are well researched and proven to be approved for future action.

The limitations cantered around this literature is on the lack of enough sampled technologies being used in these universities and this is because they are almost non-existent in public universities.

8.

Are there any discrepancies in this literature?

There are no discrepancies around publication, geographical, cultural bias. There were also limitations around the search strategy and some selective reporting.

9.

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

More studies should be done on the impact of high-end technology like Artificial Intelligence and Machine learning to give a holistic view of how modern technology impacts our education system.

* As with other sets of guiding questions in this book, select those questions that are relevant to your context, add others as appropriate, and decide the order in which you will address them to communicate effectively with your audience.

Source: Healey, M., Matthews, K., & Cook-Sather, A. (2020) *Writing about learning and teaching in higher education: Creating and contributing to scholarly conversations across a range of genres*. Center for Engaged Learning Open-Access Books, Elon University. 142-152.