

1. Describe the rationale for conducting a thorough search of literature

- Provides in-depth analysis of published research
- Identifies areas of interest and gaps in knowledge
- Informs the research question and research plan
- Adds credibility and supports the importance of the topic
- Identifies standardized instruments and procedures
- Reveals appropriate theoretical frameworks

2. Identify the steps involved in the research process

- Define the research problem
- Scan the literature
- Determine basic knowledge and relevant evidence
- Determine appropriate design and philosophical assumptions
- Define sampling strategy
- Collect and analyze data
- Communicate findings through conferences and publications
- Use findings to support practice

3. Understand how to assess credibility of journals, authors, and publications

- Use peer-reviewed sources
- Evaluate journal impact factor and h-index
- Assess author qualifications and affiliations
- Use bibliometrics and altmetrics
- Ensure unbiased and recent studies are included

4. Examine data collection methods used as they relate to the reliability and validity of published research studies

- Review timing and procedures of data collection
- Assess use of reliable and valid instruments
- Evaluate consistency and accuracy of data
- Determine appropriateness of methods for study design

5. Discuss the components of a successful literature review

- Clear identification of research problem and question
- Effective search strategy with inclusion/exclusion criteria
- Critical appraisal of study quality and findings
- Summarization and synthesis of evidence
- Use of primary sources and collaboration with librarians

6. Critically appraise the author, introduction, literature review, problem, and design in published research

- Evaluate author's credibility and expertise
- Assess clarity and relevance of the introduction