Introduction to Research: Exploring the Research Cycle

This section provides an overview of the research process, including the stages of planning, conducting, and evaluating research. It aims to help students understand how to conduct research effectively and critically.

Planning

Before beginning any research project, it is essential to have a clear idea of the research question, objectives, and methods. This involves identifying the research problem, reviewing existing literature, and formulating a research hypothesis or question.

Conducting

Once the research question and methods are established, the next step is to collect and analyze data. This involves selecting appropriate data collection methods, such as surveys, interviews, or experiments, and using appropriate statistical tools to analyze the data.

Evaluating

After the research has been conducted, it is important to evaluate the results to determine their validity and reliability. This involves reviewing the methodology, data analysis, and conclusions to ensure that they are sound and support the research question.

Keeps Across the Research Cycle

This section highlights the importance of maintaining consistency throughout the research process. It encourages students to think critically about each stage of the research cycle and to reflect on how the results can be used to improve future research.