



CENTRES for
HEALTH &
EDUCATION
PROGRAMMES



RESEARCH AND RESEARCH METHODOLOGY

“Education for community development”

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Definitions

- The word *research* is derived from the French word **recherché**, to search closely.
- May be defined as search for KNOWLEDGE.
- Philosophically, the goal of research is the same as that of philosophy formed from the words *philia* (love) and *sophia* (wisdom).

Definitions

- The highest research degree is termed Doctor of Philosophy
- Wisdom means ability to make good decisions, which requires knowledge.

Methods of acquiring the truth

- Traditional authority
- Authority of experts
- Religious belief
- Scientific method

Scientific method

- Scientific researchers propose hypotheses as explanations of phenomena, and design experimental studies.
- These steps must be repeatable, as objective as possible, to reduce biased interpretations of results.

Types of research

- a. Qualitative research
- b. Quantitative research (data is numerical)
 - KI (Key informant)
 - FGD (Focus group discussion)
 - Grounded theory (also Anthropological)

Experiment

Analyses

Observations

Pathological

Epidemiological

Exercise

Identify your area of interest and give reason

Questions?



Questions?



Questions?

