Disciplines in Search of Truth/Reality

Philosophy
- Rational critical thinking
- Investigation where empirical evidence is not available
- Ignoring dogma
- Dealing with speculation rather than faith

Science
- A continuous & cumulative process
  - which is
  - A self-corrective system
    - in search of
    - The rules of order & causality in the universe

Theology
- The idea of absolute certainty
  - i.e.
  - nothing is ever truly proven, only tentatively accepted

Philosophy of Science
- The Philosophy of Science
  - provides
    - Science's frame of reference
    - Guidance for scientists

Science's帧 of reference
- Guidance for scientists

The Scientific Method
- The Scientific Method
  - is
  - A fundamental systematic logic of inquiry

The Scientific Attitude
- The Scientific Attitude
  - is
  - A questioning, critical, and yet open-minded orientation

The Scientific Ideal
- The Scientific Ideal
  - is
  - Objective knowledge based on evidence and reason

Methodical & controlled
- Methodical & controlled
  - Rational & empirical
    - i.e.
    - A unique process for solving problems & generating a body of knowledge

Empiricism & rational impartiality
- Empiricism & rational impartiality
  - stresses
  - A questioning, critical, and yet open-minded orientation