SCI – INTRODUCTION TO SCIENCE

Science is a field of study that studies the natural world to find out the principles and laws that govern the natural world through a sequence of processes called the scientific method.

The Scientific Method. The scientific method is the sequence of processes that asks a question and guesses an answer (hypothesis) and then experiment to confirm if the guess answers the question perfectly or not. (*See the chart below*)

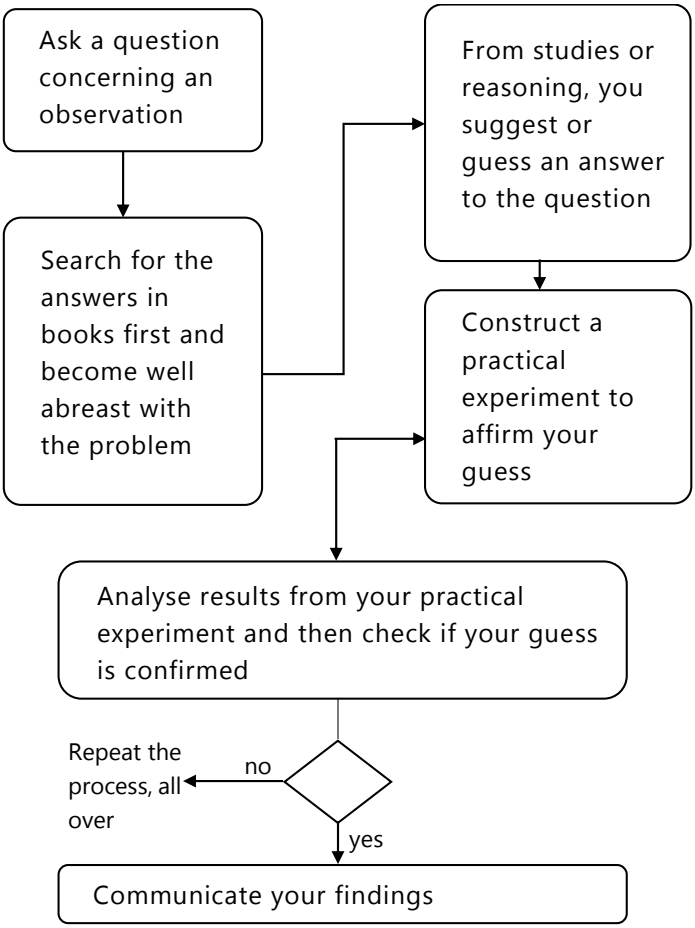


Fig 1. The Scientific Enquiry

The Different Fields of Science

The most noted fields of pure sciences are: biology, physics, chemistry and earth science.

- Biology: is the science that studies living things and even how they interact with their non-living environment.
- Chemistry: chemistry is the science that studies matter, its makeup and how they interact with themselves to make changes.
- Physics: physics is the science that studies matter and energy, and the interactions between them.
- Earth Science: is the science that studies the earth, its makeup and behaviour, and its interaction with space.