

CHAPTER 01

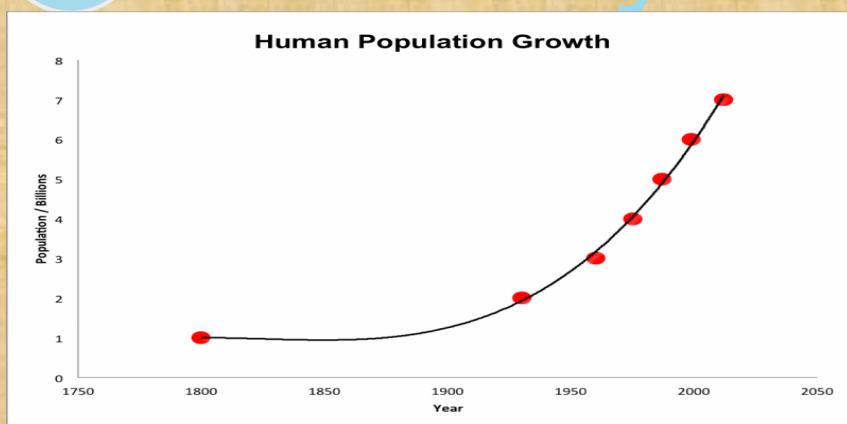
What is Science?

Measuring:

- Scientists take experimental measurements exactly by gathering data.
- They use different measuring instruments like thermometer, clocks, timers, springs, scales and balances.
- To measure liquids they use beakers and containers.

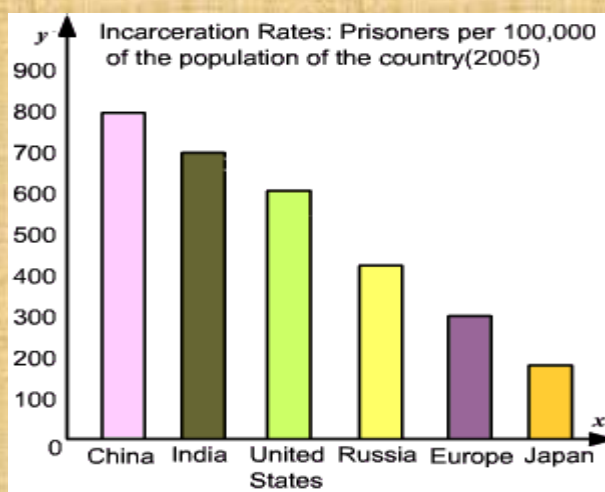
Using numbers:

- Generally, scientists use numbers in order to collect and display their data.
- A scientist must have important skills like understanding numbers and utilizing them to display the results of investigation.



Interpreting data:

- Scientists collect, organize, display and interpret data as they do investigation.
- They usually display the data in the form of charts, tables and graphs so others can understand easily.



Using number sense:

Scientists must understand about the numbers they are using for representation.

- They compare and order number.
- Compute with numbers shown in graph.
- Read the scales on thermometers.
- Measuring cups, beakers and other tools.



By using mathematical skills, good scientists display and interpret the data they have collected.

