

TOPICS FOR FIRST FORM SCIENCE PROMOTION EXAMINATION

MODULE 1:

- What is science?
- What is technology? Give examples
- Branches of Science
- Skills of a Scientist
- Conducting experiments - format of a report
- Safety symbols
- Safety in the Lab
- Local and/or Caribbean Scientists and their accomplishments
- First Aid
- Measurement - definitions, units, instruments
- Fires - 3 things required for a fire to start, lighting a Bunsen burner, extinguishing fires

MODULE 2:

- States of matter
- Changes in state of matter
- Water Cycle
- Uses of water
- Mixtures - solutions and suspensions, along with separation techniques
- Metals vs non-metals - properties
- Alloys
- Rust - what it is, how it is caused, how to protect things from rusting, removal of rust stains
- Physical vs chemical changes
- Acids and bases - properties, definitions, neutralisation, indicators (universal and/or litmus), pH scale

MODULE 3 (Option):

- Characteristics of living things
- Characteristics of vertebrates vs. invertebrates
- Characteristics of Insects