**VICTORIOUS PRIMARY SIX**

**PRIMARY SIX SCIENCE TOPICAL BREAKDOWN**

**TOPIC 1: SCIENCE AT HOME AND IN OUR COMMUNITY**

**Subtopics**

* Definition of water
* Properties of water
* Sources of water in the environment
* Uses of water at home/ to man
* Uses of water in the body
* Water contamination
* Definition
* Examples of water impurities
* How water gets contaminated
* Prevention of water contamination
* Preparation of clean and safe water for drinking and washing
* Making water safe for drinking

1. Boiling
2. Treating water using chemicals e.g. chlorine, manganese etc.

* Making dirty water pure/ clean

1. Decantation/ sedimentation
2. Filtration
3. Distillation

* Making salt from plant materials/ soda ash
* Steps/ procedures of cleaning clothes at home
* Importance of sorting, soaking, washing, rinsing, wringing, hanging, drying and ironing.
* Water associated diseases
* Water borne diseases
* Water cleaned diseases
* Water habitat vector diseases
* Water contact diseases

**TOPIC: SANITATION**

**Sub topics**

* Review on the definition, elements and activities involved in sanitation.
* Latrines
* Definition
* Site for a latrine
* Distance of a latrine from a water source, living house and kichen
* Pit latrines

1. Ordinary pit latrines
2. VIP latrines

* Toilets (water borne latrines)

1. The western toilets
2. Western

* Potties
* Ecosan latrines (Ecological sanitation latrines)
* Using a toilet
* How to maintain a toilet
* Problems faced by urban toilet systems

Accidents and first aid

* Meaning of accident, first aid and casualty
* Types of accidents and their first aid
* Burns and scalds
* Fever and convulsions
* Drowning and near drowning
* Fainting
* Foreign bodies in body openings i.e. In the ear, in the nose and in the throat.
* Poisoning
* Reasons for giving first aid.
* Qualities of a good first aider.
* Steps followed when giving first aid.

**TOPIC: GROWTH, DEVELOPMENT AND REPRODUCTION**

* Definitions of terms
* Growth
* development
* puberty
* adolescence
* an adolescent
* primary adolescence sex characteristics( puberty changes)
* in boys
* in girls
* in both boys and girls
* secondary adolescence sex characteristics
* in boys
* in girls
* in both boys and girls
* emotional / psychological changes
* out of step adolescent changes
* problems faced by adolescents
* reproduction
* definition of reproduction, gametes and gonads
* the male reproductive organ of a human being
* the female reproductive organ of a human being
* menstruation
* ovulation
* fertilization in humans
* conception
* Implantation
* Pregnancy
* Signs of pregnancy
* Twins
* Sex determination
* Teenage pregnancy
* Meaning
* Causes
* Consequences
* Prevention
* Caring for a pregnant woman
* Requirements of a pregnant woman
* Danger signs during pregnancy
* Birth
* Responsibilities of a family members to a pregnant woman
* Family planning and child spacing
* Disorders of the reproductive system
* Ectopic pregnancy
* Premature ejaculation
* Hydrocele in men
* Low sperm count
* Infertility
* Fibroids
* Impotence
* Abnormal sperms
* Diseases of the reproductive system
* Gonorrhoea
* Syphilis
* Trichomoniasis
* Candidiasis
* General herpes
* Hymhogranuloma venereus
* Genital warts
* Caring for the reproductive system