**VICTORIOUS PRIMARY SCHOOLS**

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| **LOWER PRIMARY** | | | | | | | |
| ***Class*** |  | ***Theme*** | ***Sub-theme*** | ***Competences*** | ***K*** | ***C*** | ***A*** |
| P.4  TERM 1 | The world of living things | Plant life | Flowering plants | * Identify external parts of a flowering plant. * Labels parts of a flowering plant. * Discusses uses plants to people and animals * Discusses functions of different parts of flowering plant * Investigates conditions for germination * Draws for flowering plants and labels * Describes structures of a seed * Draws and labels diagram of a seed * Explains seed viability |  |  |  |
|  |  | Growing crops | Growing common annual crops | * Identifies common crops in the community * Groups crops into annual and perennials * Draws and labels annual crops * Identifies common tools, equipment and materials used in growing annual crops. * Describes uses of tools, materials and equipment * Draws and labels common tools and equipment * Identifies crop growing practices * Describes crop growing practices * Demonstrates crop growing practices * Identifies common signs of pests and disease damage in crops * Describes ways of controlling signs of pests and disease damage |  |  |  |
|  | Our environment | Weather changes around us | Changes in weather | * Describes changes in the weather * Describes weather patterns and climate changes in Uganda * Makes accurate measurement of rainfall * Uses thermometer to measure temperature * Draws simple weather charts * Explains water cycle, labels it * Names parts of thermometer * Distinguishes between rain and rainfall, weather and climate, sky and atmosphere * States type of cloud that gives rainfall * Mentions effects of rain * Identifies importance of rainfall | ***K*** | ***C*** | ***A*** |
|  | Human health | Personal hygiene | Keeping clean | * States why we keep clean * Identifies ways of keeping clean * Demonstrates keeping clean * Discusses what goes wrong if we don’t keep claen * Draws and labels things used to keep clean |  |  |  |
|  | Human health | Our food | Classes of food and their values | * Identifies classes of food and their values * Describes uses of food values to the body * Describes how food gets contaminated * Mentions ways of preventing food contamination * Identifies deficiency diseases * Prepares local dishes using common foods * Names signs and symptoms of deficiency diseases |  |  |  |
|  | Human body | Hguman body organs | Major body organs | * Names different organs of our body * States functions of different organs of our body * States four ways in which our body works * Draws and labels different human body parts in human body * Match labels to body organs |  |  |  |
|  |  | Teeth | Teeth and their function s | * Identifies different sets of teeth * Describes different types of teeth * States functions of different types of teeth * Identifies disorders of the teeth * Demonstrates teeth brushing * Practices habits that promote oral health * Draws different teeth types with correct labeling * Mentions tooth structures * Gives ways of caring for teeth |  |  |  |
|  | Human health | Sanitation | Sanitation and its importance | * States what sanitation is * Discusses the importance of proper sanitation * Discusses what germs are * Discusses how germs spread * Discusses different ways of maintaining proper sanitation * States the 4 F’s germ path * States where germs are * Mentions how germs cause rotting * Identifies ways of protecting against germs |  |  |  |
| ***P.4 term 3*** | Human health | Communicable  Intestinal  Diseases and worm infestation | Diarrheal  Disease and intestinal worms | * Identifies diarrhea diseases * Describes causes of diarrheal diseases * States how diarrheal disease can be prevented * Demonstrates how to mix and administer ORS in steps * Demonstrates how to make salt sugar solution (SSS) * Identifies types of worms * Describes sign’s and symptoms of worm infestations * Describes treatment of worms and intestinal worms * Draws and labels different types of worms * States how common intestinal diseases are spread through 4 F’s |  |  |  |
|  |  | Vectors and diseases | Disease vector | * Names some disease vectors * States some characteristics of some disease vectors * Describes their life cycles * Explains how vectors spread diseases * Identifies diseases spread by vectors * Draws and labels diagrams of disease vectors * Matches vectors to their diseases * States prevention and control of disease vectors or diseases * Match the vector with its germs and disease |  |  |  |
|  |  | Accidents, poisoning and first aid | Accidents, poisoning, first aid | * Names common accidents and poisoning at home, on way to and at school * States causes of accidents and poisoning * Practices habits which help to avoid accidents and poisoning at home, on the way and at school * Gives types of poisoning * Demonstrates how to care for injured person * Describes how to care for injured person who took poison * Gives types of injuries * Mention causes of injuries * States ways of preventing accidents * Explains first aid kit * Identifies components of first aid kit * Mentions uses of those components * Describes first aid for snake bite * Mentions effects of accidents and poisoning |  |  |  |
|  | World of living things | Animal life | Rabbits | * Names external parts of a rabbit * Names different types of rabbits * Identifies uses of different types of rabbits * Compares different types of rabbits * Builds a hutch for rabbits * Describes breeding habits of rabbits * Names common diseases of rabbits * Identifies practices that control prevent, treat rabbit diseases * Demonstrates skills in keeping rabbits * States importance of keeping rabbit records |  |  |  |
| ***P.5 Term 1*** | Science in human activities and occupation | Keeping poultry and bees | Poultry | * Identifies types of poultry * Describes external parts of domestic fowls * Identifies different types of children * Describes breeds of chicken * Explains uses of chicken * Describes systems of poultry keeping * Explains how to manage poultry farm * Draws and labels external parts of poultry (hen) |  |  |  |
|  |  |  | Bees | * Describes life history of bees * States types of bees * States importance of bees to plants and people * Explains conditions for and reasons for swarming * Identifies types of bee hives * Describes methods of honey harvesting * Explains the importance of bee farming as a business * Draws and labels life cycle of bees |  |  |  |
|  | Matter and energy | Measurement | Measurement | * States different measurements of objects * Explains the need foe standards measures of mass, weight, volume and capacity * Uses correct instruments and apparatus to take measurements * Carries out experiment on floating and sinking * Finds densities of different objects * Explains why objects float and sink |  |  |  |
|  | Human health | Immunization | Immunity | * Identifies different types of immunity * Explains importance of immunity * Identifies different vaccines and relates them to immunisable diseases * Identifies signs and symptoms of different immunisable diseases * Identifies other immunisable diseases (cholera, yellow fever, meningitis) * Relates vaccines to diseases * Identifies immunisable centres in the area * Describes treatment for immunisable diseases * Describes preventive measures for immunisable diseases * Identifies different ways of administering vaccines * Explains immunization, immunity, vaccines * Identifies causes, spread and effects of immunisable diseases |  |  |  |
|  | Human body | The digestive system |  | * Explains digestive system * Identifies parts of the digestive system * Describes the functions of the different parts of the digestive system * Describes signs and symptoms of diseases and disorders of the digestive system * Demonstrates the bahaviours and habits of maintaining the efficiency of digestive system * States preventive and management of diseases and disorders of digestive system |  |  |  |
| ***P.5 term 2*** | Environment | Components of the environment | Soil | * Identifies different types of soil * Explains what soil is * Describes ways how soil is formed * States properties of different soil * Analyses importance of soil * Explains soil profile * Describes types and causes of soil erosion * Mentions materials that pollute soil * States effects of harmful materials on soil * Identifies ways of soil conservation * Discusses ways of improving soil fertility * Explains soil fertility * Discusses advantages and disadvantages of artificial fertilization and manure * Discusses ways of making composite manure |  |  |  |
|  | Matter and energy | Heat energy | Heat energy | * Explains what matter is * Describes three states of matter * Identifies properties of matter * Differentiates between solvent, solute and solutions * Identifies differences between types and forms of energy * Identifies different sources of heat * Describes effects of heat on matter * Describes methods of heat energy * Explains heat energy * Gives uses of heat * Identifies effects of heat gains and losses * Draws and labels thermometer * Works out conversions of 0c and 0F * States the difference between heat, energy and temperature * Relates heat to temperature * Explains types and uses of thermometer |  |  |  |
|  | Science in human actvities and occupation | Occupation in our community | Crop growing | * Identifies characteristics of common tuber crops (stem and root tubers) * Discusses ways of growing and caring for tuber crops * Identifies pests and diseases of tuber crops * Describes x-tics of tuber crop pests and their effects * Discusses methods of controlling pests and diseases of tuber crops * Describes ways of harvesting, processing and storing tuber crops |  |  |  |
|  | The world of living things | Bacteria and fungi | Bacteria | * Describes bacteria, where they are found and where they live * States x-tics of bacteria * Discusses ways of preventing, controlling and treating bacterial diseases * States the nature of bacteria (harmful and useful) |  |  |  |
|  |  |  | Fungi | * Describes fungi as harmful and harmless organisms * Describes fungi, where they are found and where they live * Identifies dangers of fungi * Discusses ways of preventing and controlling fungal diseases |  |  |  |
| ***P.5 term 3*** | Managing changes in the environment | Types of changes in the environment | Biological, physical and chemical changes | * Describes how changes take place in the environment * Identifies different changes in the environment * Describes the different effects of various changes in the environment to people, animals and plants * Names agents of change * Identifies changes under biological, physical and chemical * Experiment physical changes of state of matter * Explains biological, physical and chemical changes * Describes ways of managing different changes |  |  |  |
|  | Science in human activities and occupations | Keeping goats, sheep and pigs | Keeping goats, sheep and pigs | * Names external parts of goats, pigs and sheep * Describes different breeds of goats, pigs and sheep * Discusses causes, signs, symptoms, prevention and control of diseases in goats and sheep * Discusses the signs, symptoms, prevention and control measures of parasites and diseases in pigs * Mentions products from goats, sheep and pigs * States the importance of record keeping |  |  |  |
|  | Human health | Food and nutrition |  | * Explains the importance food and nutrition * Explain what breast feeding is to baby, mother and family * Identifies the advantages and disadvantages of breast feeding * Explains what bottle feeding is * Identifies the advantages and disadvantages of bottle feeding * Mentions vulnerable groups of people, who they are * Explains when bottle feeding is necessary * Explains traditional customs, their advantages and disadvantages to their community * Lists food for vulnerable people * Identifies different food patterns for different communities (staple food) |  |  |  |
|  | Human health | Primary health care  (PHC) |  | * Describes what PHC is * Mentions elements and elements of PHC * Discusses activities of PHC in promotion of community hygiene * Explains the responsibilities of individual families and communities in health promotion * Lists different types of people with special needs * States the ways of caring for caring for special needs |  |  |  |
| ***P.6 term 3*** | The world of living things | Classification of animals |  | * Names examples of vertebrates and invertebrates * Describes the different classes of vertebrates and inverbrates * Describes mode of reproduction in vertebrates and invertebrates * Develops simple classification table of vertebrates and invertebrates * Cares for animal * Protects animals (vertebrates and invertebrates) * Differentiates between the cold blooded and warm blooded animals |  |  |  |
|  |  | Matter and energy | Sound energy | * Experiments on sound as a from energy * Identifies the sources of sound * Describes ho sound travels in different materials * States different ways through which sound is produced, stored and reproduced * Carries out experiments on behaviour of sound with different materials * Names the different parts of the human ear * Names diseases and disorders of the human ear * Draws and labels the structure of the human ear * States the functions of the different parts of human ear names diseases of disorders of human ears * Compares human ear with organs of hearing in other animals(fish, snakes, insects, amphibians and birds) * Discusses ways of caring for human ear * Names organs of hearing in fish, snake, insects, amphibians and birds * Explains echo and its importance |  |  |  |
|  |  | The human body | Circulatory system | * Describes blood circulation * Describes the structure of the heart * Discusses the functions of the parts of the heart * Lists composition of blood * Identifies blood vessels * Mentions functions of blood * Draws and labels parts of the heart * Mentions diseases and disorders of the circulatory system * Describes ways of describing increasing the volume of blood in circulation * Discusses the effects of HIV/AIDS on the individual, family and community * Participates in PIASCY activities and write PIASCY massages |  |  |  |
|  |  | Human health | Alcohol, smoking and drugs in society | * Describes alcohol and alcoholism * Discusses factors that lead to alcoholism, smoking, drug abuse and misuse * States the effects of alcoholism to individual, family and misuse * Describes smoking (what it is and factor for it) * Mentions effects of smoking to individuals, family and community * Discusses the effects of drugs to individuals, family and community * Identifies essential drugs (what they are and uses) * Mentions ways of storing drugs * Participates in campaigns against alcohol, smoking and drugs. * Explains what alcoholism is, and how alcohol is made * Explains drug abuse, misuse and dependency * Outlines factors leading to drug abuse, misuse and dependency * Mentions the life skills for safe guarding against alcoholism, smoking and drug dependency |  |  |  |
| ***P.6 Term 2*** |  | The world of living things | Classification of plants | * Classifies plants into flowering and non flowering plants * Names examples of flowering plants and non flowering * Describes the mechanism for seed dispersal * Describes plant propagation methods * Labels parts of flowering and non flowering plants correctly * Participates in plant conservation activities * Mentions agents of seed dispersal * Identifies economic importance of plants to people |  |  |  |
|  |  | Science in human activities and occupation | Cattle keeping | * Identifies different types of cattle (diary, beef, dual purpose and work type, indigenous and exotic) * Names external features of cow and a ball * Cares for cattle * Mentions ways of grazing, watering and housing cattle explains mating, gestation period and calving * Describes milking process in farm * Names milk products * Identifies pests and diseases for cattle * Describes causes, spread, significance, prevention, control and treatment of pests and diseases in cattle * Mention practices that harm cattle and other domestic animals |  |  |  |
|  |  | The environment | Resources in the environment | * Identifies resources from living and non living thing * Names examples of resources under living and non living * Describes ways of harvesting resources * States ways of sustainable use of resources in the environment * Explains renewable and non renewable resources giving examples * States ways of conserving resources * Explains ways of caring for animals as resources |  |  |  |
|  |  | The human body | Respiratory system | * Identifies respiratory organs * Describes lungs and breathing * Demonstrates experiments on human respiratory system * Draws and labels respiratory organs * Explains what respiration is * Mentions diseases and disorders of the respiratory system * States ways of keeping the respiratory systems in a health condition |  |  |  |
|  | P.6 term 3 | Science in human activities and occupation | Science at home and in our community | * Describes ways of preparing clean and safe water for drinking and washing * Discusses ways f cleaning clothes at home * Mentions water impurities * Constructs a simple water purifying system |  |  |  |
|  |  | Human health | Accidents and first aid | * Describes (explains) burns and scalds * Discusses the causes, prevention and treatment of fever * Describes near drowning * Mentions causes, prevention and first aid for near drowning * Describes causes of fainting * Gives first aid for fainting * Describes different types of accidents * Explains what fever and convulsions are * Outlines causes of fever and convulsion * Mentions prevention and first aid for fever and convulsions * Identifies foreign bodies in the passages * Identifies ways of preventing accidents * Gives first aid to the burns, fevers, fainting and removal of foreign bodies * Identifies passages where foreign bodies can get stuck |  |  |  |
|  |  | Human health | Sanitation | * Identifies toilets and, latrines and potty * Names types of latrines * Describes importance of using latrines, toilets correctly * Draws and labels different types of latrines * Explains what toilets and latrines are * Explains the difference and, conventional (ordinary) latrines and potty * Mentions how to maintain toilets and latrines * Identifies resources locally used for cleaning toilets |  |  |  |
|  |  | Human body | Reproductive system | * Explains what growth, development, puberty and adolescence are. * Identifies primary and secondary sex x-tics * Describes social and emotional changes * Describes reproductive organs and cells of males and females * Discusses fertilization, conception and pregnancy in humans * Mentions problems in pregnancy * States results of teenage pregnancy * Mentions ways of caring for reproductive organs * Explains teenage pregnancy * Identifies disease and disorders of reproductive system * Mentions the importance of family planning * States uses of family planning * Outlines methods of child spacing * Discuses myths and misconception s of family planning * Draws and labels reproductive organs * Writes PISCAY massages about indolence’s reproductive health |  |  |  |
|  | P.7 TERM 1 | Human body | Muscular skeletal system | * Identifies different bones by name in the body * Names different muscles in the body * Names different joints in the body * Discusses the functions of muscular skeletal system * States disease and disorders of bones, muscles and system * Explains ways of preventing muscle and skeletal diseases * Explains correct body postures * Identifies correct postures * Outlines good health habits for body system * Draws and labels the skeleton and voluntary muscles * Explains voluntary and involuntary muscles * Explains moveable and immovable joints * Gives importance of correct body posture |  |  |  |
|  |  | Matter and energy | Electricity and magnetism | * Identifies types of electricity * Mentions sources of electricity * Experiments static electricity * Draws and labels parts of electric current * Discusses importance of electricity * Discusses the dangers of handling electricity and electrical appliances * Identifies precautions of handling electricity and electrical appliances * Explains what electricity, conductors and insulators are * Identifies causes of short circuit * Mention ways of avoiding short circuit * Identifies natural and artificial magnets * States ways of making temporary magnets * Discusses electricity and magnetism in relation to work * Discusses the process of generating electricity using dynamo * Draws and labels electric bell * Explains magnetism and magnetic material * Mentions properties of a magnet * Identifies types of magnets[natural * and permanent magnets] |  |  |  |
|  |  | The environment | Energy resources in the environment | * Names different energy resources and their sources (sun, water, wind, plants, animals, fossils) * Discusses importance of different energy resources to people and the environment * Carries out simple experiments using energy from wind or stem or * Describes how to make biogas, digester or solar equipment * Identifies ways of safe and sustainable use of energy |  |  |  |
|  | P.7 Term 2 | Matter energy | Simple machines and frictions | * States meaning of friction * Identifies effects of friction on matter * States importance of friction * Describes simple machines * Describes different classes of levers * Models simple machines using local materials * Describes effects of force on a lever * Explains how an inclined plan works * Outlines practical uses of wedges * Mentions ways of increasing or decreasing friction * Draws and labels parts of a lever, ramps, wedges, screws, wheels and axles * Mentions uses of friction * Explain simple machines, their principle of moments and mechanical advantage * Explains what levers are * Explains the nature of screws * Calculates mechanical advantage of a machine * Experiments with different types of pulleys * Compares body parts to simple machines |  |  |  |
|  |  | The human body | Excretory system | * Describes excretion * Names different excretory organs in the body * Describes functions of excretory organs in human beings * Names diseases and disorders of the excretory organs in the body * Identifies ways of keeping EXCRETORY SYSTEM HEALTH * makes comparison between the excretory system and the other natural or man made system * draws and labels excretory organs (skin, kidneys, bladder, lungs) * explains how excretory system works |  |  |  |
|  |  | Matter and energy | Light energy | * explains what light is * names sources of light * explains how light travels * gives importance of light in the environment * states effects of different materials on light * explains how shadows are shadows are formed * states the laws of reflection * explains what reflection is * mentions types of reflection * gives x-tics of images formed by plane mirrors * mentions x-tics formed by pin hole camera * explain how rain bows are formed * states effects of lenses on beams of light * names parts of lens camera * describes the working of human eye as an optical organ * mentions human eye defects and their corrects * states ways of caring for human eye * draws and labels human eye * states functions of parts of human eye * mentions x-tics of images formed by human eye * compares human eye and lens camera * identifies diseases and disorders of the human eye * makes model of pin hole camera, periscope and lens camera and the eye |  |  |  |
|  | P.7 Term 3 | The environment | Interdependence of things in the environment | * names components of the environment * states how components of the environment benefit from each other (interdependence of plants and animals) * mentions ways of caring for animals * discusses importance of Afro forestry * mentions ways of managing school or home woodlot projects * identifies interdependence of living and nonliving things * states ways of harvesting trees in agro forestry * explain agro forestry, it importance * identifies ways of keeping records and importance |  |  |  |
|  |  | The community | Population and health | * names types of common sicknesses at home and community * describes causes of common sicknesses in a home and community * states examples of anti social behaviours and sexual deviations * discusses dangers of anti social behaviours and sexual deviations * describes ways of avoiding sex deviations * lists activities to be done to address health concerns * mentions ways of controlling common sicknesses in a home and community |  |  |  |

**END**