**SCHEME OF WORK OF SET PRIMARY FIVE**

**NORTHERN PROVINCE**

**DISTRICT: RULINDO**

**SECTOR: SHYORINGI**

**ACADEMIC YEAR: 2023 – 2024**

**SUBJECT: SET**

**CLASS: PRIMARY FIVE(P5)**

**TEACHER'S NAME: ……………………………………………………… SCHOOL………………………………………………………..**

**TERM I**

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| **WEEKS& DATES** | **UNIT TITLE** | **CONTENT/LESSONS AND EVALUATION** | **RESOURCES&REFERENCES** | **LEARNERS ACTIVITIES** | **OBSERVATION** |
| **Week1**  **25-29/09/2023** | **Unit1:**  **Carpentry tools** | Revision  ▪Identification of carpentry tools  ▪Usage of carpentry tools | Science and Elementary Technology for Rwandan Schools Pupil’s book p5  Laxmi publications& spotlight | ▪Group discussion to differentiate various carpentry tools according to their various usages |  |
| **Week2**  **02-06/10/2023** | ▪Maintenance of carpentry tools  ▪Dangers of carpentry tools and security measures  ▪Unit Review Exercises |  | ▪Visiting a wood/ timber workshop and practice the usage and maintenance of carpentry tools |  |
| **Week3**  **09-13/10/2023** | **Unit2:**  **Masonry tools** | ▪Identification of masonry tools  ▪Usage and maintenance of masonry tools  ▪Dangers of masonry tools  ▪Unit Review Exercises | Science and Elementary Technology for Rwandan Schools Pupil’s book p5  Laxmi publications& spotlight | ▪Group discussion to differentiate various masonry tools according to their various usages  ▪Visiting a construction sites and practice to use and maintain some masonry tools |  |
| **Week4**  **16-20/10/2023** | **Unit3:**  **Objects production** | ▪Toys  ▪Utility objects  ▪Learning materials | Science and Elementary Technology for Rwandan Schools Pupil’s book p5  Laxmi publications& spotlight | ▪Collecting sorghum straws & sticks to make toys,  ▪Collecting wood, chisel, sisal, spoke-shave and saw to make utility objects |  |
| **Week5**  **23-27/10/2023** |  | ▪Maintenance of utility and learning objects  ▪Unit Review Exercises | Science and Elementary Technology for Rwandan Schools Pupil’s book p5  Laxmi publications& spotlight | ▪Collecting papers, Manilla paper and scissor to make learning objects individually. |  |
| **Week6**  **30/10-03/11/2023** | **Unit4:**  **Computer my friend** | ─Memory, storage and data sharing  ▪Data and memory  ▪External storages  ▪Sharing a document  ▪Unit Review Exercises | Science and Elementary Technology for Rwandan Schools Pupil’s book p5  Laxmi publications& spotlight | ▪Exercises of typing a text into a computer and practice saving the text in different locations.  ▪Activity- a short story to type in  Exercises on saving and retrieving information from the different external storage devices.  ▪Activity:Draw a picture in paint  ▪Practice copying a file from a computer to an external device and vice versa  ▪Activity: Design an invitation to a party.  ▪Practice sharing of the files or a document with friends.  ▪Activity: use invitation or story. |  |
| **Week7**  **06-10/11/2023** | **Unit5:**  **Writing skills** | ▪Create and insert tables  ▪Insert picture and image  ▪Unit Review Exercises | Science and Elementary Technology for Rwandan Schools Pupil’s book p5  Laxmi publications& spotlight | ▪Individual work exercises for creating tables and typing data into a table.  ▪Practice with deleting, adding and resizing rows and columns  ▪practice on inserting images and resizing photos and images  ▪Group work on creating and editing a school Newspaper. |  |
| **Week8**  **13-17/11/2023** | **Unit6:**  **Computer research** | ▪E-mail account  ▪Browse activity  ▪Unit Review Exercises | Science and Elementary Technology for Rwandan Schools Pupil’s book p5  Laxmi publications& spotlight | ▪Individual practice on creating emails, login and logout  ▪Exercises on writing, sending and reading emails  ▪Activity: Email to wish your friend happy birthday.  ▪Group/pairs/individually exercises on navigating and using the browse Activity. |  |
| **Week 9**  20-24/11/2023 | **Unit7: Programming for children** | ▪Drawing regular geometric shapes  ▪Arithmetic operations | Science and Elementary Technology for Rwandan Schools Pupil’s book p5  Laxmi publications& spotlight | ▪Group discussion on calculating areas and perimeters of the regular shapes  ▪Practice drawing regular shapes by sequencing the blocks correctly |  |
| **Week10**  **27/11-01/12/2023** |  | ▪Creating dialogue and cartoons  ▪Unit Review Exercises |  | ▪Individual work to perform calculations  ▪In pairs or individually work on exercises to create dialogues according to a given topic |  |
| **Week11**  **04-08/12/2021** | **GENERAL REVISION** | | | | |
| **Week12**  **11-15/12/2023** | **EXAMINATION PERIOD AND SUPERVISION OF EXAMINATION** | | | | |
| **Week 13**  **18-22/12/2023** | **MARKING, MAKING SCHOOL REPORTS AND CLOSING THE FIRST TERM** | | | | |

**TERM II**

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| **WEEKS& DATES** | **UNIT TITLE** | **CONTENT/LESSONS AND EVALUATION** | **RESOURCES&REFERENCES** | **LEARNERS ACTIVITIES** | **OBSERVATION** |
| **Week1**  **08-12/01/2024** | **Unit8: Water** | ▪Identification of importance of water  ▪Identification of sources of water  ▪Identification of sources of water | Science and Elementary Technology for Rwandan Schools Pupil’s book p5  Laxmi publications& spotlight | ▪Group discussion to identify the importance of water  ▪Field visits and group discussions to identify various sources of water  ▪Investigation to discover the properties of water.  ▪Investigation to discover a simple water cycle.  ▪Field visits and group discussions to outline effects of rain water on the environment  ▪Field visits and group discussions to outline the methods of protecting the environment from rain water.  ▪Plant trees and make ditches in the school surrounding |  |
| **Week2**  **15-19/01/2024** |  | ▪Identification of properties of water  ▪Rain water  ▪Identification of water pollutants  ▪Dangers of water pollution  ▪Prevention of water pollution |  | ▪Plant anti-erosive plants in the school garden  ▪Visiting various sources of water to identify water pollutants  ▪Group discussions to identify the dangers of water pollution and ways of preventing it water pollution  ▪Group discussions aiming to identify the water purification methods |  |
| **Week3**  **22-26/01/2023** |  | ▪Water purification methods  ▪Making a water filter  ▪Water storage  ▪Unit Review Exercises |  | ▪Performing experiments of purification of water  ▪Make a water filter and practice its utilization.  ▪Discuss ways of storing water  ▪Role play |  |
| **Week4**  **29/01-02/02/2023** | **Unit9: Soil** | ▪Preparation of soil for cultivation  ▪Fertilization of soil for cultivation  ▪Importance of fertilizer  ▪Rules of applying fertilizers  ▪Unit Review Exercises | Science and Elementary Technology for Rwandan Schools Pupil’s book p5  Laxmi publications& spotlight | ▪Practical and hands-on activity:  ▪Practical group work  ▪Investigation on the effect of a specific type of fertilizer on the plant growth. After a certain period of time, each group is asked to report and present the results of their project  ▪Group work: carry out a research on precautions during the use of fertilizer |  |
| **Week5**  **05-09/02/2024** | **Unit10:Animals** | ▪Conditions of good chicken house  ▪Types of breeds  ▪Reproduction of chickens  ▪Proper feeding of chickens | Science and Elementary Technology for Rwandan Schools Pupil’s book p5  Laxmi publications& spotlight | ▪Field visits of different chicken farms, make observations and group discussion to outline the conditions of a good chicken house.  ▪Group discussion about the types of chicken breeds.  ▪Group discussion on practicing good feeding and hygiene for chicken |  |
| **Week6**  **12-16/13/2024** | ▪Chicken diseases  ▪Prevention of chicken diseases  ▪Importance of chicken farming  ▪Chicken farming process  ▪Unit Review Exercises |  | ▪Making group discussion on chicken diseases and mode of preventing them  ▪Making group discussion on the importance of poultry farming. |  |
| **Week7**  **19-23/02/2024** | **Unit11:**  **Plants and environment** | ▪Identification of importance of plants  ▪Common importance of trees on environment  ▪Other importance of trees  ▪Effect of afforestation and deforestation on the environment  ▪Unit Review Exercises | Science and Elementary Technology for Rwandan Schools Pupil’s book p5  Laxmi publications& spotlight | ▪Group discussions aiming to identify different importance of plants.  ▪Group discussions aiming to identify importance of trees in general and on environment.  ▪Group discussions aiming to identify the importance, causes and effects of afforestation and deforestation.  Group discussions aiming to identify the ways of conservation of trees.  ▪Planting trees in the school surroundings to maintain environment. |  |
| **Week8**  **26/02-01/03/2024** | **Unit12:**  **Digestive system** | ▪Function of digestive system  ▪Parts and function of digestive system  ▪Identification of stages of digestion  ▪Hygiene of digestion  ▪Components of balance diet | Science and Elementary Technology for Rwandan Schools Pupil’s book p5  Laxmi publications& spotlight | ▪Observation  ▪Group work to discuss on the digestion process,  ▪Collect various groups of food and prepare balanced diet |  |
| **Week9**  **04-08/03/2024** | ▪Elements of balance diet  ▪Nutritional deficiency diseases and their prevention  ▪Preparation of a balanced diet  ▪Unit Review Exercises |  | ▪Group work to collect various groups of food in order to identify components of balanced diet.  ▪Group work to prepare and eat balanced diet. |  |
| **Week 10**  **11-15/03/2024** | **GENERAL REVISION** | | | | |
| **Week11**  **18-22/03/2024** | **EXAMINATION PERIOD AND SUPERVISION OF EXAMINATION** | | | | |
| **Week12**  **25-29/03/2024** | **MARKING, MAKING SCHOOL REPORTS AND CLOSING THE SECOND TERM** | | | | |

**TERM III**

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| **WEEKS& DATES** | **UNIT TITLE** | **CONTENT/LESSONS AND EVALUATION** | **RESOURCES&REFERENCES** | **LEARNERS ACTIVITIES** | **OBSERVATION** |
| **Week1**  **15-19/04/2024** | **Unit13**  **Reproductive system** | ▪Human reproductive system  ▪Hygiene of Female genital organs | Science and Elementary Technology for Rwandan Schools Pupil’s book p5  Laxmi publications& spotlight | ▪Group work to discuss function of reproductive system.  ▪Group discussions in order to describe how to clean male and female genital organs. |  |
| **Week2**  **22-26/04/2024** | ▪Hygiene of Male genital organs  ▪Sexual characteristics at puberty |  | ▪Group discussion on what physical changes take place in girls/boys during adolescence. |  |
| **Week3**  **29/4-03/05/2024**  **Week4**  **06-10/05/2024** | ▪Puberty characteristics in girls  ▪Puberty characteristics in boys  ▪Safe responsible behavior  ▪Love and infatuation  ▪Unit Review Exercises |  | ▪Activity: love or infatuation |  |
| **Week5**  **13-17/05/2024** | **Unit14:**  **Light** | ▪Light propagation  ▪Types of medium for light transmission | Science and Elementary Technology for Rwandan Schools Pupil’s book p5  Laxmi publications& spotlight | ▪Collecting cardboards, torch, to experiment on how light travels in a straight line.  ▪Collecting different materials to investigate how the light travel through different media |  |
| **Week6**  **20-24/05/2024** | ▪Laws of light propagation  ▪Unit Review Exercises |  | ▪Collecting different materials to carry out experiment about reflection and refraction. |  |
| **Week7**  **27/05-31/06/2024** | **Unit15**  **Electricity** | ▪Importance of electricity  ▪Production of electricity  ▪Common tools used in electricity  ▪Common materials used in electricity | Science and Elementary Technology for Rwandan Schools Pupil’s book p5  Laxmi publications& spotlight | ▪Field trip of area where electricity is extensively used to produce various goods and group discussion of the importance of electricity.  ▪Experiment on production of electricity using a simple dynamo.  ▪Collecting materials and construct simple circuit. |  |
| **Week8**  **03-07/06/2024** | ▪Simple electric circuit  ▪Controlling electric circuit  ▪Solar panel  ▪Dangers of electricity  ▪Unit Review Exercises |  | ▪Collecting materials to practice the importance of electricity.  ▪Group discussion on the various ways of controlling electric circuit.  Observing charts to mention the dangers of electricity. |  |
| **Week9**  **10-14/06/2024** | **Unit 16:**  **Materials** | ▪Classification of materials  ▪Common metals  ▪Physical properties of metals  ▪Uses of common metals | Science and Elementary Technology for Rwandan Schools Pupil’s book p5  Laxmi publications& spotlight | ▪Collecting variety of objects to group them according to their properties.  ▪Collecting heat source, nail and handle to find out that metals conduct heat… |  |
|  |  | ▪Maintenance of metals  ▪Calculation of density  ▪Relative density  ▪Differentiating density of regular and irregular objects  ▪Applications of relative density  ▪Unit Review Exercises |  | ▪Experiment1: discover the density  ▪Experiment2: Measuring the density of different liquid materials.  ▪Experiment3: behavior of different objects in water and relative density. |  |
| **Week10**  **17-21/06/2024** | **GENERAL REVISION** | | | | |
| **Week11**  **24-28/06/2024** | **EXAMINATION PERIOD AND SUPERVISION OF EXAMINATION** | | | | |
| **Week12**  **01-05/07/2024** | **MARKING, MAKING SCHOOL REPORTS AND CLOSING THE YEAR (THIRD TERM)** | | | | |
| **Week13**  **08-12/07/2024** | **PNLE** | | | | |