

REPUBLIC OF RWANDA

WESTERN PROVINCE

NYAMASHEKE DISTRICT

SCHEME OF WORK
KININI

ACADEMIC YEAR:2023-2024

SCHOOL: GS

TEACHER'S NAME: NSENGIYUMVA XAVIER

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SUBJECT: SET

CLASS:P5

TERM:I

WEEKS& DATES	UNIT TITLE	CONTENT/LESSONS AND EVALUATION	RESOURCES&REFERENCES	LEARNERS ACTIVITIES	OBSERVATION
Week1 25-29/09/ 2023	Unit1: Carpentry tools(8 periods)	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		▪Visiting a wood/ timber workshop and practice the usage and	

		<ul style="list-style-type: none"> ▪Dangers of carpentry tools and security measures ▪Unit Review Exercises 		maintenance of carpentry tools	
Week3 09-13/10/2023	Unit2: Masonry tools(6periods)	<ul style="list-style-type: none"> ▪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	<ul style="list-style-type: none"> ▪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(14 periods)	<ul style="list-style-type: none"> ▪Toys ▪Utility objects ▪Learning materials 	Science and Elementary Technology for Rwandan Schools Pupil's book p5 Laxmi publications& spotlight	<ul style="list-style-type: none"> ▪Collecting sorghum straws & sticks to make toys, ▪Collecting wood,chisel,sisal,spoke-s have and saw to make utility objects 	
Week5 23-27/10/2023		<ul style="list-style-type: none"> ▪Maintenance of of utility and learning objects ▪Unit Review Exercises 	Science and Elementary Technology for Rwandan Schools Pupil's book p5 Laxmi publications& spotlight	<ul style="list-style-type: none"> ▪Collecting papers,manilla paper and scissor to make learning objects individually. 	
Week6 30/10-03/11/2023	Unit4: Computer my friend(9 periods)	<ul style="list-style-type: none"> —Memory,storage and data sharing ▪Data and memory ▪External storages ▪Sharing a document 	Science and Elementary Technology for Rwandan Schools Pupil's book p5 Laxmi publications& spotlight	<ul style="list-style-type: none"> ▪Exercises of typing a text into a computer and practice saving the text in different locations. ▪Activity- a short story to type in 	

		<ul style="list-style-type: none"> ▪Unit Review Exercises 		<p>Exercises on saving and retrieving information from the different external storage devices.</p> <ul style="list-style-type: none"> ▪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(8periods)	<ul style="list-style-type: none"> ▪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	<ul style="list-style-type: none"> ▪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 News paper. 	

Week8 13-17/11/ 2023	Unit6: Computer research(8periods)	<ul style="list-style-type: none"> ▪E-mail account ▪Browse activity ▪Unit Review Exercises 	Science and Elementary Technology for Rwandan Schools Pupil's book p5 Laxmi publications& spotlight	<ul style="list-style-type: none"> ▪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 20-24/11/2 023	Unit7:Programming for children(20periods)	<ul style="list-style-type: none"> ▪Drawing regular geometric shapes ▪Arithmetic operations 	Science and Elementary Technology for Rwandan Schools Pupil's book p5 Laxmi publications& spotlight	<ul style="list-style-type: none"> ▪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		<ul style="list-style-type: none"> ▪Creating dialogue and cartoons ▪Unit Review Exercises 		<ul style="list-style-type: none"> ▪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	MARKING, MAKING SCHOOL REPORTS AND CLOSING THE FIRST TERM				

18-22/12/ 2023	
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TERM II

Week1 08-12/01/202 4	Unit8: Water(16periods)	<ul style="list-style-type: none"> ▪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	<ul style="list-style-type: none"> ▪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 	
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				the school surrounding	
Week2 15-19/01/202 4		<ul style="list-style-type: none"> ▪Identification of properties of water ▪Rain water ▪Identification of water pollutants ▪Dangers of water pollution ▪Prevention of water pollution 		<ul style="list-style-type: none"> ▪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 22-26/01/202 4		<ul style="list-style-type: none"> ▪Water purification methods ▪Making a water filter ▪Water storage ▪Unit Review Exercises 		<ul style="list-style-type: none"> ▪Performing experiments of purification of water ▪Make a water filter and practice its utilization. ▪Discuss ways of storing water ▪Role play 	

Week4 29/01-02/02/2024	Unit9: Soil(14periods)	<ul style="list-style-type: none"> ▪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	<ul style="list-style-type: none"> ▪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(12 periods)	<ul style="list-style-type: none"> ▪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	<ul style="list-style-type: none"> ▪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 12-16/02/202 4		<ul style="list-style-type: none"> ▪Chicken diseases ▪Prevention of chicken diseases ▪Importance of chicken farming ▪Chicken farming process ▪Unit Review Exercises 		<ul style="list-style-type: none"> ▪Making group discussion on chicken diseases and mode of preventing them ▪Making group discussion on the importance of poultry farming. 	
Week7 19-23/02/202 4	Unit11: Plants and environment(10periods)	<ul style="list-style-type: none"> ▪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	<ul style="list-style-type: none"> ▪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. 	

				<p>Group discussions aiming to identify the ways of conservation of trees.</p> <ul style="list-style-type: none"> ▪Planting trees in the school surroundings to maintain environment. 	
<p>Week8 26/02-01/03/2024</p>	<p>Unit12: Digestive system(10 periods)</p>	<ul style="list-style-type: none"> ▪Function of digestive system ▪Parts and function of digestive system ▪Identification of stages of digestion ▪Hygiene of digestion ▪Components of balance diet 	<p>Science and Elementary Technology for Rwandan Schools Pupil's book p5 Laxmi publications& spotlight</p>	<ul style="list-style-type: none"> ▪Observation ▪Group work to discuss on the digestion process, ▪Collect various groups of food and prepare balanced diet 	
<p>Week9 04-08/03/2024</p>		<ul style="list-style-type: none"> ▪Elements of balance diet ▪Nutritional deficiency diseases and their prevention ▪Preparation of a balanced diet 		<ul style="list-style-type: none"> ▪Group work to collect various groups of food in order to identify components of balanced diet. ▪Group work to prepare and eat balanced diet. 	

		▪Unit Review Exercises			
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

Week1 15-19/04/2024	Unit13 Reproductive system(20periods)	▪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	Unit 13 Reproductive system	<ul style="list-style-type: none"> ▪Puberty characteristics in girls ▪Puberty characteristics in boys ▪Safe responsible behavior ▪Love and infatuation ▪Unit Review Exercises 		<ul style="list-style-type: none"> ▪Activity:love or infatuation 	
Week4 06-10/05/2 024	Unit14: Light(7periods)	<ul style="list-style-type: none"> ▪Light propagation ▪Types of medium for light transmission 	Science and Elementary Technology for Rwandan Schools Pupil's book p5 Laxmi publications& spotlight	<ul style="list-style-type: none"> ▪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 	

Week5 13-17/05/2024	Unit15: Electricity(9periods)	<ul style="list-style-type: none"> ▪Laws of light propagation ▪Unit Review Exercises 		<ul style="list-style-type: none"> ▪Collecting different materials to carry out experiment about reflection and refraction. 	
Week6 20-24/05/2024		<ul style="list-style-type: none"> ▪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	<ul style="list-style-type: none"> ▪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. 	
Week7 27-31/05/2024		<ul style="list-style-type: none"> ▪Simple electric circuit ▪Controlling electric circuit ▪Solar panel ▪Dangers of electricity ▪Unit Review Exercises 		<ul style="list-style-type: none"> ▪Collecting materials to practice the importance of electricity. ▪Group discussion on the various ways of controlling electric circuit. <p>Observing charts to mention the dangers of electricity.</p>	

Week8 03-07/06/2024	Unit 16: Materials(9periods)	<ul style="list-style-type: none"> ▪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	<ul style="list-style-type: none"> ▪Collecting variety of objects to group them according to their properties. ▪Collecting heat source,nail and handle to find out that metals conduct heat... 	
Week9 10-14/06/2024		<ul style="list-style-type: none"> ▪Maintenance of metals ▪Calculation of density ▪Relative density ▪Differentiating density of regular and irregular objects ▪Applications of relative density ▪Unit Review Exercises 		<ul style="list-style-type: none"> ▪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 01-05/07/2 024	MARKING, MAKING SCHOOL REPORTS AND CLOSING THE YEAR (THIRD TERM)
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