

REPUBLIC OF RWANDA

RUTSIRO DISTRICT

SCHEME OF WORK (ACADEMIC YEAR:2024/2025)

SCHOOL:..... TEACHER'S NAME:.....

SUBJECT:SET

CLASS:P5

TERM:I

WEEKS& DATES	UNIT TITLE	CONTENT/LESS ONS AND EVALUATION	RESOURCES&REFER ENCES	LEARNERS ACTIVITIES
Week1 9- 13/09/2024	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 16- 20/9/2024		▪Maintenance of carpentry tools		▪Visiting a wood/ timber workshop and practice the usage and maintenance of
		▪Dangers of carpentry tools and security measures		carpentry tools

		<ul style="list-style-type: none"> ▪Unit Review Exercises 		
Week3 23- 127/9/2024	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 309- 4/10/2024	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-shave and saw to make utility objects
Week5 7- 11/10/2024		<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 14- 18/10/2024	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 ▪Unit Review Exercises 	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 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

				<ul style="list-style-type: none"> ▪Activity: Design an invitation to a party. ▪Practice sharing of the files or a document with friends. ▪Activity: use invitation or story.
Week7 21- 25/10/2024	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 28/10- 1/11/2024	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 4-8/11/2024	Unit7:Programmi ng 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 11- 15/11/2024		<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
Week 11: 18- 22/11/2024	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 the school surrounding

Week 12: 25- 29/11/2024	<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
Week13 02- 04/12/2024	<ul style="list-style-type: none"> ▪Water purification methods ▪Making a water filter ▪Water storage ▪Unit Review Exercises 	
05- 06/12/2024	GENERAL REVISION	
Week14 09- 13/12/2024	EXAMINATION PERIOD AND SUPERVISION OF EXAMINATION	
Week 15: 16- 20/12/2024	MARKING, MAKING SCHOOL REPORTS AND CLOSING THE FIRST TERM	

TERM II

Week1 6- 10/01/2025	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
Week2 13- 17/01/2025	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
Week3 20- 24/01/2025		<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.

Week6 10- 14/02/2025		<ul style="list-style-type: none"> ▪Elements of balance diet ▪Nutritional deficiency diseases and their prevention ▪Preparation of a balanced diet ▪Unit Review Exercises 		<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.
Week 7: 17- 21/2/2025		<ul style="list-style-type: none"> ▪Elements of balance diet ▪Nutritional deficiency diseases and their prevention ▪Preparation of a balanced diet ▪Unit Review Exercises 		<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.
Week 8: 24- 28/2/2025	Unit13 Reproductive system(20perio	<ul style="list-style-type: none"> ▪Human reproductive system ▪Hygiene of Female 	Science and Elementary Technology for	<ul style="list-style-type: none"> ▪Group work to discuss function of reproductive system. ▪Group discussions in order to describe how to clean male and female genital organs.

Week 9 3-7/3/2025	ds)	genital organs	Rwandan Schools Pupil's book p5 Laxmi publications& spotlight	
		<ul style="list-style-type: none"> ▪Hygiene of Male genital organs ▪Sexual characteristics at puberty 		▪Group discussion on what physical changes take place in girls/boys during adolescence.
Week 10 10-14/03/2025		<ul style="list-style-type: none"> ▪Puberty characteristics in girls ▪Puberty characteristics in boy ▪Safe responsible behavior ▪Love and infatuation ▪Unit Review Exercises 		▪Activity : love or infatuation
Week11 17-19/03/2025		<ul style="list-style-type: none"> Safe responsible behavior ▪Love and infatuation ▪Unit Review Exercises 		▪Activity : love or infatuation
20-21/03/2025	GENERAL REVISION			
Week12 24/3-28/03/2025	EXAMINATION PERIOD AND SUPERVISION OF EXAMINATION			
Week 13: 31/3 - 4/4/2025	MARKING, MAKING SCHOOL REPORTS AND CLOSING THE SECOND TERM			

TERM III

Week1 21- 25/04/2025	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
Week2 28/4- 2/05/2025		<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.
Week3 12- 16/05/2025	Unit15 Electricity(9periods)	<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.
Week4 12- 16/05/2025		<ul style="list-style-type: none"> ▪Simple electric circuit ▪Controlling electric circuit 		<ul style="list-style-type: none"> ▪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.

		<ul style="list-style-type: none"> ▪Solar panel ▪Dangers of electricity ▪Unit Review Exercises 		
Week5 19- 23/05/2025	Unit 16: Materials(10periods)	<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...
Week6 26- 30/05/2025		<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.

Week 7: 2-6/6/2025		<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"> ▪Maintenance of metals ▪Calculation of density ▪Relative density ▪Differentiating density of regular and irregular objects ▪Applications of relative density ▪Unit Review Exercises
Week 8: 9-13/6/2025	GENERAL REVISION			
Week9 16-20/06/2025	EXAMINATION PERIOD AND SUPERVISION OF EXAMINATION			
Week10 23-27/06/2025	EXAMINATION and closing Term III			