

sREPUBLIC OF RWANDA

WESTERN PROVINCE

RUTSIRO DISTRICT

SCHEME OF WORK

SUBJECT: SET

ACADEMIC YEAR:2024/2025

CLASS: P6

**SCHOOL :.....
:.....**

TEACHER'S NAME

TERM I

WEEKS&DATES	UNIT TITLE	CONTENT/LESSONS/EVALUATION	RESSOURCES &REFERENCES	LEARNING ACTIVITIES	OBSERVATION
Week 1 9-13/09/2024	Unit 1:Mechanics and blacksmith tools(6periods)	<ul style="list-style-type: none">▪Examination correction▪The common Mechanics tools	Science and Elementary Technology pupil's book primary 6 Spotlight & Laxmi publications	<ul style="list-style-type: none">▪Observation : in class, to display a and match them with range of blacksmith tools and learners try to name them their	

				use	
Week2 16-20/9/2024		<ul style="list-style-type: none"> ▪The common Blacksmith tools ▪Use and maintenance of mechanics and blacksmiths tools ▪Unit Review Exercises 		<ul style="list-style-type: none"> ▪Practical work about the use and care for mechanics and blacksmith tools. ▪Group discussion and presentation on the use and maintenance of mechanics, blacksmith tools and giving reasons. 	
Week3 23-27/9/2024	Unit 2:Simple machines(12periods)	<ul style="list-style-type: none"> ▪Definition of simple machines ▪Types of simple machines ▪Safety in the use of simple machines 	Science and Elementary Technology pupil's book primary 6 Spotlight & Laxmi publications	<ul style="list-style-type: none"> ▪Differentiate a simple machine from other materials/tools ▪Discover the types and characteristics of simple machines. 	

Week4 30/9-4/10/2024		<ul style="list-style-type: none"> ▪levers ▪Unit Review Exercises 		<ul style="list-style-type: none"> ▪Group work to use simple machines according to classes to discover the position of fulcrum, load and effort. ▪Classify different tools in classes of levels. 	
Week5 7-11/10/2024	Unit 3 Objects production(8periods)	<ul style="list-style-type: none"> ▪Making toys ▪Making utility objects in threads ▪Making learning materials in paper and manila paper ▪Maintenance of utility and learning objects ▪Unit Review Exercises 	Science and Elementary Technology pupil's book primary 6 Spotlight &Laxmi publications	<ul style="list-style-type: none"> ▪Collecting clay and wires to make toys objects. ▪Collecting threads, needle or lancelet and scissors to make utility objects. ▪Collecting papers ,manila paper and scissors to make 	

				learning objects individually.	
Week6 14-18/10/2024	Unit 4 Writing skills(17periods)	<ul style="list-style-type: none"> ▪WORD PROCESSING ▪Identification of elements of Gnome environment ▪Working with a document ▪Folder management 	Science and Elementary Technology pupil's book primary 6 Spotlight &Laxmi publications	<ul style="list-style-type: none"> ▪Class exercises to create and rename a folder on the desktop. ▪Practice selecting a program, setting date and time, connecting to the network and switching back to sugar interface. ▪Exercises on how to copy a file into a folder ,delete, move, copy and paste a file/folder. ▪Practice the use of bold ,Italic, Underline and apply 	

				colors to text	
Week7 21-25/10/2024		<ul style="list-style-type: none"> ▪Elements of Abiword Window ▪Text formatting ▪Definition and role of spreadsheets ▪Spreadsheet environment 		<ul style="list-style-type: none"> ▪Practicing saving and opening a file in/from different locations ▪Exercise to explore basic features of a spreadsheet environment. 	
Week8 28/10-1/11/2024		<ul style="list-style-type: none"> ▪Worksheet basics ▪Modifying column, rows and cell ▪Formatting cells and worksheets ▪Mathematical operators ▪Unit Review exercises 		<ul style="list-style-type: none"> ▪Individual exercises to insert data into cells and apply indicated manipulation ▪Practice and apply arithmetical operations on numerical data... 	

Week9 4-8/11/2024	Unit5 Computer research(10periods)	<ul style="list-style-type: none"> ▪Introduction to search engine ▪Search engine techniques 	Science and Elementary Technology pupil's book primary 6 Spotlight &Laxmi publications	<ul style="list-style-type: none"> ▪Practice on different search Engines to find data and information using keyword and phrase searching techniques. 	
Week10 11-15/11/2024		<ul style="list-style-type: none"> ▪Types of search engines ▪Example and search engines ▪Unit Review Exercises 		<ul style="list-style-type: none"> ▪Exercises on classifying types of search Engines. ▪Practice copying and editing the results form searched information 	
Week 11: 18-22/11/2025	Unit6 Programming for children(25periods	<ul style="list-style-type: none"> ▪Turtle art for displaying things ▪Draw irregular polygons ▪Programming animations and computing in scratch ▪Working with the stage 	Science and Elementary Technology pupil's book primary 6 Spotlight &Laxmi publications	<ul style="list-style-type: none"> ▪Organize instructions to display different images, numbers videos or texts. ▪practice 	

				drawing shapes and calculating their area. ▪Individual exercises to organize multiple backgrounds . ▪Practice to create funny games and animations	
Week 12: 25-29/11/2025	Programming for children	▪Create stories to animation ▪Scratch with mathematics ▪Identification of elements of E toy environment ▪E toy book ▪E toy projects and animation ▪Unit Review Exercises	Science and Elementary Technology pupil's book primary 6 Spotlight &Laxmi publication	▪Practice carrying out different mathematical operations. ▪individual practice on writing E toy books or a diary. ▪Group discussion on the use of E toy in daily life...	
Week13 04-08/12/2023	GENERAL REVISION				

Week14 11-15/12/2023	EXAMINATION PERIOD AND SUPERVISION OF EXAMINATION
Week15 18-22/12/2023	MARKING , MAKING SCHOOL REPORTS AND CLOSING THE FIRST TERM

TERM II

Week 1 6-10/01/2025	Unit7: Air pollution(12periods)	<ul style="list-style-type: none"> ▪Definition of air pollution ▪Common air pollutants ▪sources of common air pollutants ▪Consequences of polluted air ▪Protection of air against air pollutants ▪Unit Review Exercises 	Science and Elementary Technology pupil's book primary 6 Spotlight &Laxmi publications	<ul style="list-style-type: none"> ▪Field visit and group discussion aiming to discover air pollutants and their sources. ▪Group discussions on the consequences of polluted air and on the way to protect against it. ▪Make an experiment to pollute air contained in a plastic bag using dust or fumes observe and discuss how to avoid air pollution. 	
Week 2 13-17/01/2025	Unit8: Animals(12periods)	<ul style="list-style-type: none"> ▪Characteristics of a good cowshed/goat shelter ▪Types of cows/goat 	Science and Elementary Technology pupil's book primary 6	<ul style="list-style-type: none"> ▪Field visits of different cattle/goat farms ▪Group discussion 	

		breeds ▪Characteristics of cattle/goat breed to rear ▪Proper feeding of cattle ▪Cattle health sanitation conditions	Spotlight &Laxmi publications	about the types of cattle/goat breeds. ▪Discussion on good feeding and hygiene for cattle/goat. ▪Group discussion about how to keep a flock healthy.	
Week 3 20- 24/01/2025		▪Common diseases of cattle/goat ▪Prevention of cow/goat diseases ▪Importance of cattle/goat farming ▪Unit Review Exercises		▪Group discussion about cattle/goat diseases and their prevention. ▪Group discussion about the socio-economic importance of cow/goat breeding.	
Week 4 27- 31/01/2025	Unit9: Plant reproduction(10periods)	▪Identification parts of a complete flower ▪Definition of plant reproduction ▪Sexual and asexual reproduction of plants ▪Reasons for plants reproduction ▪Unit Review Exercises	Science and Elementary Technology pupil's book primary 6 Spotlight &Laxmi publications	▪Collecting different samples of flowers in the school surroundings, dissect a complete flower and observe its parts. ▪Group discussion: In small groups discuss the various ways in which plants reproduce (sexual and asexual)and communicate finding. ▪Practical: perform the multiplication of some plants using asexual reproduction	

				techniques:	
Week 5 3-7/02/2025	Unit 10: Sustainable waste management(10periods)	<ul style="list-style-type: none"> ▪Classification of waste ▪Sources of waste ▪ Waste management techniques ▪Unit Review Exercices 	Science and Elementary Technology pupil's book primary 6 Spotlight & Laxmi publications	<ul style="list-style-type: none"> ▪Visit school surroundings to discover Hazardous, Organic and Recyclable materials. ▪Group work and presentation on how different types of waste can be transformed and utilized. ▪Group work and presentation on several sources of waste. ▪Collecting garbage around the school, discuss and apply the proper garbage collection techniques. ▪Group work and presentation on different waste management techniques. ▪Discuss and apply some of waste management techniques. 	
Week 6 10-14/02/2025	Unit 11: Circulatory system(8periods)	<ul style="list-style-type: none"> ▪Main function of circulatory system ▪Organs of circulatory system 	Science and Elementary Technology pupil's book primary 6	<ul style="list-style-type: none"> ▪Group discussion about the main function of circulatory system. 	

		<ul style="list-style-type: none"> ▪Structure of the heart ▪The process of blood circulation ▪Component of blood ▪Caring for our bodies and health ▪Diseases/conditions of circulatory system ▪Blood pressure measurement ▪Unit Review Exercises 	Spotlight &Laxmi publications	<ul style="list-style-type: none"> ▪Observation of wall charts or other learning support, the circulatory system. ▪Group discussion: The function of the heart. ▪Draw and discuss the functioning of the circulatory system. ▪Group discussion on hygiene of the heart. ▪Role play:First aid in case of external hemorrhage. 	
Week 7 17- 21/02/2025	Unit 12: Respiration system(8periods	<ul style="list-style-type: none"> ▪Main function of respiration system ▪Identification of organs of the respiration system ▪Mechanism of respiration ▪Good health practices and behaviors ▪Diseases of respiratory system ▪Suffocation ▪Unit Review 	Science and Elementary Technology pupil's book primary 6 Spotlight &Laxmi publications	<ul style="list-style-type: none"> ▪Group discussion about the main function of respiratory system. ▪Observation of wall charts or other learning support the respiration system and draw it in the exercise book. ▪Group discussion: The mechanism of breathing ▪Role play: Perform an experiment to show the 	

		Exercises		<p>movement of the thorax and diaphragm during inspiration and expiration.</p> <ul style="list-style-type: none"> ▪Group discussion on various about suffocation. ▪Do experiment to show the effect of smoking. 	
Week8 24- 28/02/2025	Unit 13: Reproductive system(14periods	<ul style="list-style-type: none"> ▪Main function of reproductive system ▪Male reproductive organs ▪Female reproductive organs 	Science and Elementary Technology pupil's book primary 6 Spotlight &Laxmi publications	<ul style="list-style-type: none"> ▪Group discussion about the main function of reproductive system. ▪Drawing and labelling the male and female reproductive system. ▪Discuss on function of major parts of the reproductive system. 	

Week 9: 3-7/03/2025		<ul style="list-style-type: none"> ▪Preventing unplanned pregnancy ▪Sexually transmitted infection ▪Means of transmission of common STIs/HIV ▪Identification of various ways for STIs/HIV transmission 		Group discussion on ways of avoiding unwanted pregnancy.	
Week 10: 10-14/3/2025		<ul style="list-style-type: none"> ▪Means of transmission of common STIs/HIV ▪Identification of various ways for STIs/HIV transmission 		behavior and decision making to practice communication, negotiation and refusal skill. <ul style="list-style-type: none"> ▪Group discussion about living positively with HIV and AIDS. 	
Week 11 17-21/03/2025	GENERAL REVISION				
Week12 24-28/03/2025	EXAMINATION PERIOD AND SUPERVISION OF EXAMINATION				
Week 13: 31/3-4/4/2025	MARKING, MAKING SCHOOL REPORTS AND CLOSING THE SECOND TERM				

TERM III

Week 1 21-25/04/2025	Unit 14: Energy Management (12 periods)	. Definition of energy . Forms of energy (and examples) . Energy Transformation/energy Conversation . Importance of energy .Source of energy	Science and Elementary Technology pupil's book primary 6 Spotlight &Laxmi publications	<ul style="list-style-type: none"> ▪Group discussion about the definition and forms of energy. ▪Working small groups to discuss the types of energy transformation. ▪Field trip: ▪In groups, discuss the economic impact of the use of energy. ▪Research from library books and search engines on the different sources of energy. 	
Week 2 28/4-2/05/2025		<ul style="list-style-type: none"> ▪Renewable energy ▪Some renewable energy ▪Advantage of using renewable energy ▪Unit Review Exercises 		<ul style="list-style-type: none"> ▪Group discussions aiming to discover the existence of renewable energies. ▪Visiting to observe and discuss on a biogas installation. ▪Visiting to observe and discuss on a solar power installation ▪Group discussion aiming to discover advantages of using renewable energy 	

<p>Week 3 5-9/05/2025</p>	<p>Unit 15: Magnetism(8periods)</p>	<ul style="list-style-type: none"> ▪Types of magnets ▪Composition of magnets: iron or steels ▪Characteristics of magnets ▪Magnetic forces and materials 	<p>Science and Elementary Technology pupil's book primary 6 Spotlight &Laxmi publications</p>	<ul style="list-style-type: none"> ▪Research from library books and search engines to discover types of magnet, the composition of magnets and their characteristics ▪Experiment aiming to the classification of different objects in no magnets and magnetics materials; ▪Make a temporary magnet Gathering supplies; a paperclip or small nail and a permanent magnet:Rubbing the magnet against the paperclip/nail :Moving it in the same direction, rather than back and forth. Using the same quick motion you would use to light a match and continue rubbing the paperclip with the magnet about 50 times as quickly as you can; Touching the paperclip / nail against another smaller piece of metal (like a needle) and observe 	
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Week 4 12-16/05/2025		<ul style="list-style-type: none"> ▪Definition of magnetic field ▪Magnetic compass and its uses ▪Uses of magnets ▪Unit Review Exercises 		<ul style="list-style-type: none"> ▪ Investigate the magnetic field using a permanent magnet, a white sheet of paper and iron filings. ▪ Investigating the use of magnetic compass. ▪Make a compass needle using a magnetized sewing needle or safety pin, a bowl or jar, some water, and a coin-sized cross section of cork, magnetize the needle, insert the needle in the cork, float the compass and observe. ▪Finding a lost needle/ nail into the soil /grass. 	
Week 5 19-23/05/2025	Unit 16: States of matter(10periods)	<ul style="list-style-type: none"> ▪Definition of matter ▪Identification of differences between the three states of matter ▪Identification of changes between the three states of matter in water 	Science and Elementary Technology pupil's book primary 6 Spotlight &Laxmi publications	<ul style="list-style-type: none"> ▪Experiment: Measure mass and volume of different materials using appropriate apparatus. ▪Investigate the relationship between the augmentation and diminution of water temperature and the state of water. ▪Investigation and group discussion on classification of materials according to their shape and their volume 	

Week 6 26-30/05/2025		<ul style="list-style-type: none"> ▪ Melting , freezing and boiling points of water ▪ Changes in states of water in the water cycle ▪ Transformation of states of matter ▪ Unit Review Exercises 		<ul style="list-style-type: none"> ▪ Investigate the physical change of heated ice and cooled water vapor and measure the melting point of water. ▪ Group discussions aiming to compare state of water in the water cycle. ▪ Investigation of change between the three state of matter in Naphthalene / iodine due to the increase of temperature. 	
Week7 2-6/06/2025		Transformation of states of matter <ul style="list-style-type: none"> ▪ Unit Review Exercises 		<ul style="list-style-type: none"> ▪ Group discussions aiming to compare state of water in the water cycle. ▪ Investigation of change between the three state of matter in Naphthalene / iodine due to the increase of temperature. 	
Week 8 9-13/06/2025	GENERAL REVISION (P4, P5 and P6				
Week9 16-20/06/2025	EXAMINATION PERIOD AND SUPERVISION OF EXAMINATION				

Week 10 : 23-27/6/2025	, MAKING SCHOOL REPORTS AND CLOSING THE THIRD TERM