

PRIMARY SCIENCE SCHEME OF WORK FOR TERM ONE

THEME	TOPIC
1.SCOENCE IN HUMAN ACTIVITIES	1.KEEPING POULTRY AND BEES
2.MATTER AND ENERGY	2.MEASUREMENT
3.HUMAN HEALTH	3.IMMUNISATION
4.HUMAN BODY	4.THE DIGESTIVE SYSTEM

General learning outcomes

1. When learners go through the topics listed above, they will be able to:

To know and use basic scientific knowledge and skills in the management of poultry and bees.

To know standard units for measuring mass, weight and volume and use correct instruments to measure mass, weight and volume. To develop more knowledge on immunization, appreciate the importance of immunization and actively take part in the immunization activities To acquire knowledge about the organs of the digestive system and what happens to food within the system. Appreciate the importance of the digestive organs of the human body.

Wk	PD	THEME	TOPIC	COMPETENCE		CONTENT	METHOD	ACTIVITY	Life skill/value	L/D	REF
	1	SCIENCE IN HUMAN ACTIVITIES AND OCCUPATION	KEEPING POULTRY AND BEES	**LANGUANGE**	**SUBJECT**	POULTRY KEEPNG	Discussion Demonstration Observation Question and answers	Answering oral and written questions	Critical thinking Effective communication	Live chicken	MK integra science bo Fountain integrated science bo com
				Names the different types of poultry	Identifies different types of poultry	Difference between poultry and poultry keeping. Examples of poultry Reasons					

For more schemes of work, visit ***www.uganda.madpath.com***

						why farmers keep poultry					
	2			Label with correct spelling a diagram showing the external parts of a domestic fowl. Correctly reads words and sentences on poultry	Describes the external parts of domestics fowl	External features of poultry - External parts of a cork. - Importance of feathers to birds/poultry. - Types of features & their parts	Observation Demonstration Question and answers	Answering oral and written question Drawing and naming external parts of poultry	Care Responsibility Love	A chart and naming external parts of poultry	
WK	**PD**	**THEME**	**TOPIC**	**COMPETENCE**		**CONTENT**	**METHOD**	**ACTIVITY**	**Life skill/value**	**L/D**	**REF**
	3			**LANGUANGE**	**SUBJECT**	**<u>Breeds of chicken</u>** -Definition of breeds. -Groups of breeds e.g local, exotic, etc.	Discussion Observation Question and answers	Answering oral and written questions		Teachers' noted text book	MK Integra Science bo Fountain integrated Science bo com

For more schemes of work, visit ***www.uganda.madpath.com***

						-Advantages and disadvantages of different breeds.					
	4	SCIENCE IN HUMAN ACTIVITIES AND OCCUPATION	KEEPING POULTRY AND BEES			Types of chicken i.e. layers, broilers, dual purpose					
	5			Recites rhymes about farming	Explains the uses of poultry	**Feeding of poultry** Types of mash. Contents of various mash. Importance of each mash. Feeding & drinking equipments Digestion birds Function of different parts of the system.	Discussion Question and answers	Copying brief notice Answering oral and written questions.	Problem solving concern	Feeding equipment and a chart showing digestive system	-MK Integra Science bo -Fountain integrated science bo - Comprehe book 5
	3					**Brooding** Definition of brooding. Types of brooding. Advantages & disadvantages each type of brooding.	Explanation	Answering oral and written questions	Modeling brooder	A chart showing types of brooder	MK Integra Science bo Fountain Integrated science bo Comprehe book 5

For more schemes of work, visit ***www.uganda.madpath.com***

	6					Types of brooders incubation. Types of incubation Incubation periods of different birds.					
WK	**PD**	**THEME**	**TOPIC**	**COMPETENCE**		**CONTENT**	**METHOD**	**ACTIVITY**	**Life skill/value**	**L/D**	**REF**
	6	SCIENCE IN HUMAN ACTIVITIES AND OCCUPATION	KEEPING POULTRY AND BEES	**LANGUANGE** Describes the system of keeping poultry chicken. Explain how to manage a poultry farm.	**SUBJECT** Describes the system of keeping poultry chicken. Explain how to manage a poultry farm.	**Systems of keeping birds** Free range system Advantages of free range system and other systems. Give components of litter to a farmer.	Discussion Question and answers	Copying brief notice. Answering oral and written questions Explain how to manage poultry farm	Concern love and caring	A chart showing systems of poultry Responsibility.	MK Integra Science bo Fountain Integrated science bo Comprehe book 5
						Poultry disease Examples of poultry diseases e.g. coccideiosis, new castle, etc. Signs and symptoms of diseases	Explanation Discussion Questions and answers.	Answering oral and written questions.	Concern love and caring	Text books specimens of poultry parasites	MK Integra Science bo Fountain Integrated science bo Comprehe book 5

For more schemes of work, visit ***www.uganda.madpath.com***

						Prevention and control					
						Poultry vices Definition of poultry vices. Common poultry vices. Causes of poultry vices. Signs of poultry vices Record keeping Types of records Importance of keeping records.	Demonstration Question and answers	Answering oral and written questions.	Appreciation fluency	Chalkboard illustration	MK Integra Science bo Fountain Integrated science bo Comprehe book 5
				Spells the word correctly	Describes the life history of bees	Tropical questions about poultry	Discussion question and answers	Answering oral and written questions.		Lesson	
WK	**PD**	**THEME**	**TOPIC**	**COMPETENCE**		**CONTENT**	**METHOD**	**ACTIVITY**	**Life skill/value**	**L/D**	**REF**
			KEEPING	**LANGUANGE**	**SUBJECT**	**Apiculture**	Explanation				MK Integra

For more schemes of work, visit ***www.uganda.madpath.com***

		SCIENCE IN HUMAN ACTIVITIES AND OCCUPATION	POULTRY AND BEES			Definition of Apiculture, apiary, colony, etc. Social insects Examples of social insects e.g. bees, termites. Solitary insects Examples of solitary insects. External parts of bees	Discussion Question and answers	Answering oral and written questions. Drawing the sentences of a bee	Appreciation patience	Specimen of a bee Teachers' notes	Science bo Fountain Integrated science bo Compreher book 5
2	5			Spells the word correctly	Describes the life history of bees	Types of bees Queen bee Prone bee Worker bee Characteristics Roles of each type of bee Food for bees Importance of those products to man	Discussion Explanation Question and answers	Answering oral and written questions. Writing structured notes	Appreciation patience	A chart showing life cycle of a bee	MK Integra Science bo Fountain Integrated science bo
3	1			Reads stories and poems about the importance of bee farming.	States the importance of bees	**<u>Importance of bees to plants</u>** Importance of bees to animals/ peoples Swarming Causes of swarming Bee hives Types of bee hive i.e. local and modern bee hive.	Discussion Questions and answers Observation	Answering oral and written questions.	Appreciation patience	Model of a bee	

For more schemes of work, visit ***www.uganda.madpath.com***

	2					Advantages and disadvantages of local bee hive. Advantages and disadvantages of modern bee hive. Parts of a top bar hive e.t.c Given advantage and disadvantages	Discussion Question and answers	Answering oral and written questions. Drawing the sentence of a bee.	Appreciation patience	Specimen of a bee. Teachers' notes	MK Integra Science bo Fountain Integrated science bo
WK	**PD**	**THEME**	**TOPIC**	**COMPETENCE**		**CONTENT**	**METHOD**	**ACTIVITY**	**Life skill/value**	**L/D**	**REF**
2	5	SCIENCE IN HUMAN ACTIVITIES AND OCCUPATION	KEEPING POULTRY AND BEES	**LANGUANGE**	**SUBJECT**	**<u>Start a colony</u>** Requirements for starting a colony. How sticking is done. Locating of apiary. Harvesting honey Equipment for harvesting hone e.g. bucket, knife, overall	Discussion Explanation Question and answers	Answering oral and written questions. Drawing the sentence of a bee.	Appreciation patience	A model of hone harvesting	MK Integra Science bo Fountain Integrated science bo
3	1				Describe the different method of law sting honey	**<u>Extraction of honey</u>** Ways of extracting honey from bee. Steps for honey harvesting Importance of honey. Industrial use of hone. Advantage of bee keeping.	Discussion Question and answers	Answering oral and written questions.	Appreciation patience	Wax Honey	MK Integra Science bo Fountain Integrated science bo
	2					Topical questions					

For more schemes of work, visit ***www.uganda.madpath.com***

		MATTER AND ANERGY	**MEASUREMENT**	Talks about measuring different objects and uses to correct English words to compare measurement.	States the different measurements of objectives	**<u>Measurement</u>** Definition of measurements Different measurement of objects in relation to size and weight i.e. long and short object. Heavy and light objects Instruments used in measuring length i.e. tape measure, meter.	Discussion Explanation Question and answers	Comparing different objects by mass weight and volume.	Logic endurance care	Ruler Beam balance Strings Sticks Ropes	MK Integra Science bo Fountain Integrated science bo
	6			Spells the word correctly	Explains the need for standard measures of mass, weight, and volume.	**<u>Standard unit for measuring length</u>** Area Units for area Calculating area of rectangle, square, etc	Discussion Question and answers	Calculating area of quadrilaterals	Appreciation Patience	Strings	MK Integra Science bo Fountain Integrated science bo
WK	**PD**	**THEME**	**TOPIC**	**COMPETENCE**		**CONTENT**	**METHOD**	**ACTIVITY**	**Life skill/value**	**L/D**	**REF**
4	1			**LANGUANGE**	**SUBJECT**	Volume Definition of volume Units of volume Volume of regular objects Examples of regular objects Calculations of regular objects.	Discussion Question and answers	Collecting volume of regular objects	Appreciation patience	Bricks boxes	MK Integra Science bo Fountain Integrated science bo

For more schemes of work, visit ***www.uganda.madpath.com***

	2	MATTER AND ENERGY	**MEASUREMENT**	Reads and write Scientific units used for measuring correctly.	Uses the correct instrument and apparatus to take measurements	**<u>Irregular objects</u>** Definition of irregular objects Examples of irregular objects. Methods used to find volume of irregular objects. Instruments used in finding volume of irregular objects	Discussion Question and answers	Answering oral and written questions	Logic Endurance Care	Cylinder Over flow can string	MK Integra Science bo Fountain Integrated science bo
3	6			Spells the words correctly	Explains the need for standard measures of mass, weight, and volume.	Experiment of volume of irregular objects. Requirements of experiment. Procedures observations Conclusion of the experiment Calculating volume of irregular objects Use of a string in the experiment.	Discussion Question and answers	Using the correct units of measure in different situation	Appreciation Patience	Measurement cylinder	MK Integra Science bo Fountain Integrated science bo
4	4			Spells the word correctly	Explains the need for standard measures of mass, weight, and volume.	Mass and weight Definition of mass and weight Units of mass and weight Instrument used to measure mass and weight Difference between mass and weight	Discussion Question and answers	Measuring mass, weight and volume using standard measures and correct instrument	Logic Endurance Care	Beam balance Spring balance	MK Integra Science bo Fountain Integrated science bo

For more schemes of work, visit ***www.uganda.madpath.com***

WK	PD	THEME	TOPIC	COMPETENCE		CONTENT	METHOD	ACTIVITY	Life skill	L/D	REF	RMK
	5	MATTER AND ENERGY	**MEASUREMENT**	**LANGUANGE** Spells the word correctly	**SUBJECT** Explains the needs for standard measures of mass, weight and volume	**Mass and weight** Definition of mass and weight. Units of mass and weight. Instrument used to measure mass and weight. Difference between mass and weight	Discussion Question and answers	Measuring mass, weight and volume using standard measures and correct instrument	Logic Endurance Care	Beam balance Spring balance	MK Integrated Science books Fountain Integrated science books	
	5	MATTER AND ENERGY	**MEASUREMENT**	Spells the word correctly	Explains the needs for standard measures of mass, weight, and volume	**Density** Definition of density. Densities of common substance in g/cc Instruments used to measure densities of liquids. Calculations involving density, mass and volume.	Discussion Question and answers	Using the correct units of measure in different situation	Appreciation Patience	Hydrometer	MK Integrated Science books Fountain Integrated science books	

For more schemes of work, visit ***www.uganda.madpath.com***

4	4	MATTER AND ENERGY	**MEASUREMENT**	Spells the word correctly	Explains the needs for standard measures of mass, weight, and volume	**Floating and sinking** Definition of floating Reasons why objects float. Examples of floating objects. Definition of sinking. Reasons why objects sinks. Examples of sinking.	Discussion Question and answers	Finding densities of different objectives	Logic Endurance Care	Basin Water String Ruler Cork	MK Integrated Science books Fountain Integrated science books	
2	1	HUMAN HEART	IMMUNISATION	Talks different types of immunity. Spells the relevant work correctly	Identifies the different types of immunity Sings songs about immunity	**Immunization** Definition of immunization description of immunity importance of the immunity. Types of immunity; Natural, artificial immunity. Ways of getting artificial immunity.	Discussion Explanation	Answering orall and written questions	Care Confidence Sympathy	Our environment	MK Integrated science Fountain integrated science Comprehensive book 5	
WK	**PD**	**THEME**	**TOPIC**	**COMPETENCE**		**CONTENT**	**METHOD**	**ACTIVITY**	**Life skill**	**L/D**	**REF**	**RMK**
	2		IMMUNISA	**LANGUANGE**	**SUBJECT**	Vaccines	Observation		Appreciation			

For more schemes of work, visit ***www.uganda.madpath.com***

		HUMAN HEART	TION	Talks about different types of immunity. Spells the relevant works correctly	Identifies the different types of immunity. Sings songs about immunity	Defines of vaccines. Description of antibodies Types of vaccines e.g. toxoids, killed vaccine, altenued vaccines. Examples.	Questions and answers	Answering oral and written questions	Patience	Our environment		
	1	HUMAN HEART	IMMUNISATION	Reads and writes sentences and stories and stories about immunization	Immunisable childhood diseases	Immunization administration Methods of administration i.e. oral and injection immunization sites vaccines. Administered age of immunization Reasons why some vaccines are given at different ages.	Observation Question And answers	Answering oral and written questions	Appreciation Patience	Our environment	MK Integrated science Fountain integrated science Comprehensive book 5	
	4	HUMAN HEART	IMMUNISATION	Reads and writes sentences ad stories about immunization. Recites poems about immunization	Identifies different vaccines and relates them to the immunisable	Participation in immunization. Roles of an individual in immunization. Roles of a community in immunization.	Observation Question and answers Explanation	Answering oral and written questions	Appreciation Patience	A child health card	MK Integrated science Fountain integrated science Comprehensive book 5	

For more schemes of work, visit ***www.uganda.madpath.com***

	1	HUMAN BODY	DIGESTIVE SYSTEM	Names the different parts of the digestive system	Explains what the digestive system is.	Difinition of digestion. Description of alimentary canal. Component of the digestive system. (alimentary canal) Enzymes description Characteristics of enzymes Structure of the digestive system	Discussion Explanation	Naming the different parts of the digestive system	Empathy Logic	A chart showing digestive system	MK Integrated science Fountain integrated science Comprehen sive book 5	
WK	**PD**	**THEME**	**TOPIC**	**COMPETENCE**		**CONTENT**	**METHOD**	**ACTIVITY**	**Life skill**	**L/D**	**REF**	**RMK**
				LANGUAGE Reads words, sentences and stories about the digestive system	**SUBJECT** Describes the functions of the different parts of the digestive system.	**Digestion in the mouth.** Uses of the teeth during digestion. How saliva is useful in the mouth. Enzymes found in the saliva Food acted upon in the mouth.	Observation Question and answers Explanation	Drawing	Problem solving decision making	A chart showing digestive system	MK Integrated science Fountain integrated science Comprehen sive book 5	

For more schemes of work, visit ***www.uganda.madpath.com***

	3	HUMAN BODY	DIGESTION SYSTEM	Reads words, sentences and stories about the digestive system	Describes the function of the different parts of the digestive system	Digestion in the stomach Food is turned into chime. Wall of stomach produces gastric juice Enzymes found gastric Food acted upon by enzymes Uses of hydrochloric acid in the stomach	Discussion Explanation	Answering oral and written questions	Empathy Logic Concern	A chart showing digestive system	MK Integrated science Fountain integrated science Comprehen sive book 5	
	4	HUMAN BODY	DIGESTION SYSTEM	Reads words, sentences and stories about the digestive system	Describes the function of the different parts of the digestive system	Digestion in the duodenum Receives bile from the bile duct Bile contains salt that digests fats. Pancreas also produces pancreatic juice which has three enzymes act on remaining stomach proteins, and fats	Observation Question and answers Explanation	Answering oral and written questions	Problem solving decision making.	A chart showing digestive system	MK Integrated science Fountain integrated science Comprehen sive book 5	

For more schemes of work, visit ***www.uganda.madpath.com***

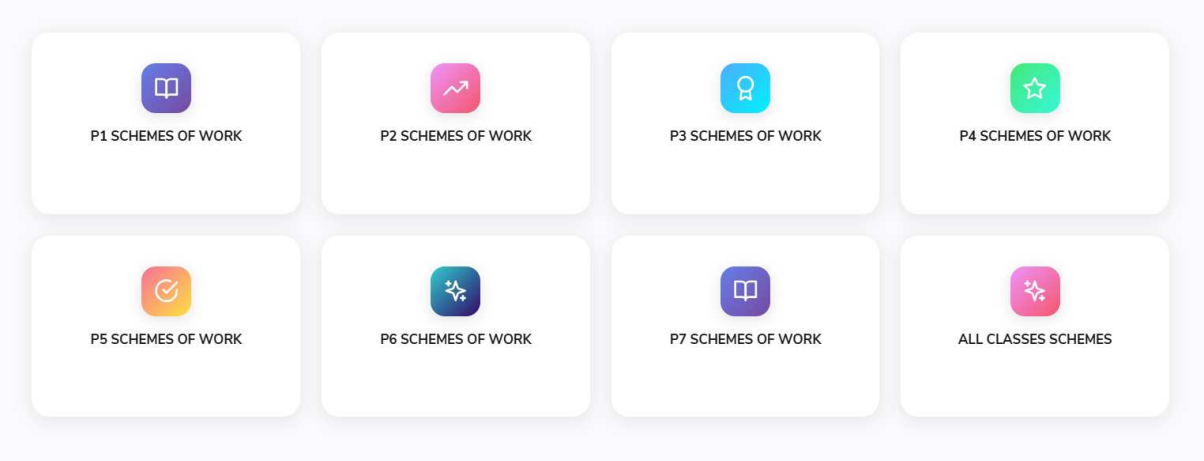
6	5	HUMAN BODY	DIGESTION SYSTEM	Reads words, sentences and stories about the digestive system	Describes the function of the different parts of the digestive system	Digestion in the ileum. Digestion is completed here. The wall of ileum produces a juice which contains four enzymes. Those enzymes	Discussion Explanation	Answering oral and written questions	Critical thinking Empathy	A chart showing digestive system	MK Integrated science Fountain integrated science Comprehen	
						complete the digestion of food. Food is absorbed into blood stream from here through villi					sive book 5	
		HUMAN BODY	DIGESTION SYSTEM	Reads words, sentences and stories about the digestive system	Describes the function of the different parts of the digestive system	Digestion in the large intestine. Absorption of water un digested food is stored in the rectum that food is passed out through the anus as wastes	Observation Question and answers Explanation	Answering oral and written questions	Problem solving decision making.	A chart showing digestive system	MK Integrated science Fountain integrated science Comprehen sive book 5	

For more schemes of work, visit ***www.uganda.madpath.com***

7	1	HUMAN BODY	DIGESTION SYSTEM	Draws and label is the different parts of the digestive system	Describes the function of the different parts of the digestive system	Describes the disorders of the digestion system. Diseases of the digestive system. Examples of disease, causes, signs and symptoms. Ways of preventing diseases of the system.	Discussion Explanation	Answering oral and written questions	Critical thinking Empathy	Our environment	MK Integrated science Fountain integrated science Comprehensive book 5	
	2	HUMAN BODY	DIGESTION SYSTEM	Draws and labels the different parts of the digestive system	Describes the function of the different parts of the digestive system	Disorders of the digestion system Causes of those disorders. Ways of preventing disorders of the system Ways of maintaining proper working of the digestive system	Observation Question and answers Explanation	Answering oral and written questions	Problem solving decision making.	Our environment	MK Integrated science Fountain integrated science Comprehensive book 5	

For more schemes of work, visit ***www.uganda.madpath.com***

This document was downloaded from https://exoticnotes.com



Do you need more!

SCHEMES OF WORK for Primary (All Subjects)

Click
https://exoticnotes.com/schemes_of_work/primary/

For LESSON NOTES P.1 – P.7
Click
https://exoticnotes.com/notes/primary/

For Papers and Exams P.1 – P.7
Click
https://exoticnotes.com/papers/primary/

For Holiday Packages P.1 – P.7
Click
https://exoticnotes.com/holiday-work/primary/