P.3 INTEGRATED SCIENCE SCHEME OF WORK TERM I

WK	PD	THEME	TOPIC	SUB – TOPIC	SUBJECT COMPETENCES	LANGUAGE COMPETENCES	CONTENT	MTDS	LIFE SKILLS & VALUES	ACTIVITY	T/ L AIDS	REF	REM
1	1	ENVIRONMENT IN OUR SOCIETY	SOIL	SOIL COMPONENTS	The learner; 1. Defines environment. 2. Mentions components of the environment. 3. Gives the meaning of soil. 4. Mentions components of soil.	The learner; 1. Reads and writes words like humus, particles, air, and water.	Environment. I. Definition of environment. II. Components of the environment. Soil. III. Meaning of soil. IV. Components of soil.	1. Brain storming. 2. Guided discovery. 3. Question and answer.	-Cooperation. -Effective communication -Fluency -Confidence -Logical flow of ideas.	Naming different soil components.	Real soil. Env't.	Comp Pri. Sciebk 3 page 9. MK PriSciebk 3 page 14. COBTA Page 1.	
	2				• Performs experiments to demonstrate each soil component. • Mentions the uses of air and water in the soil.	Reads words like ; • Contains • Humus • Formation • Bubbles • Vapour	Experiments to show the components of soil. • Soil contains air, water and humus. • Uses of air, water and humus in the soil.	-observation. -experimentation. -Question and Answer technique.	-critical thinking -confidence	-performing expts to show the components of soil.	-soil -kerosene stove.	Comp. Sciepg 10 COBTA Page 1.	

							• Meaning of <u>humus.</u> • How humus is formed.						
	3	**ENVIRONMENT MGRSCIENCE**	**SOIL**	**Types of soil**	✓ Mentions the processes that lead to soil formation ✓Names the types of soil.		<u>Ways soil is formed.</u> -Weathering. - Decomposition <u>Types of soil.</u> -Loam soil. -Clay soil. -Sandy soil. <u>Loam soil</u> -Characteristics -Structure -Uses	-Guided Discovery. -discovery -Story telling.	-Effective Common	Naming different types of soil.	Soil	Comp. PriScie bk 3 page 12 COBTA Page 3.	
2	**1**				The learners : -describes the characteristics of Sandy soil -mentions the uses of sandy soil -draws the structure of sandy soil particles	-reads sentences correctly Spells given words -sandy Particles	<u>Sandy soil</u> -structure x-tics -uses of sandy soil <u>Clay soil</u> -characteristics Structure /nature of its particles -Uses of soil to animals	Question and answer Guided discovery	Creative thinking	Identifying different Soil types from the samples		Comp Pri Sci Book 3 Page 13	

							and plants -uses of soil to people						
					defines soil profile -names of the layers Of the soil profile -mentions the spaces where children can see The soil profile	writes words about the soil profile e.g -gravel -parent rock -Top soil -query	<u>SOIL PROFILE</u> -Definition -layers of the soil profile -places where the soil can be observed -uses of each layer of the soil profile to man -		Effective Communication -fluency Confidence Appreciation	-		Comp Pri Sci Bk Page 12 COBTA Page 3	
	3				Defines soil fertility -mentions ways of improving soil fertility -ways soil loses its fertility -	constructs sentences about soil fertility -	<u>SOIL FERTILITY</u> -Definition -Ways of improving soil Fertility -ways soil can lose its fertility -	Guided discussion	Care problem solving	Mentioning ways of improving soil fertility -	Soil fertilizers	Comp Pri Sci Book 5	
2	**4**	**ENVIROMENT IN OUR SUB COUNTY**	**SOIL**	**SOIL FERTILITY**	The learner: -Defines soil erosion -Mentions the agents of soil erosion -mentions the causes of soil erosion -	The leaners: -Reads and spells given words -constructs Sentences correctly -soil erosion destroys soil fertility -	<u>SOIL EROSION</u> -Definition -Agents of soil erosion - -causes of soil erosion	Guided discovery	Effective Communications -verbal communication -confidence	Naming the agents And causes of soil erosion -	. environment	. comp Bk 3 Page 20	
3	**1**				mentions	reads and writes	<u>Types of soil</u>	Question and	Problem			COBTAnt	

					types of soil erosion -Discusses ways of controlling soil erosion -	words correctly e.g -Terracing -Ploughing Contour - -mulching	<u>erosion</u> -sheet erosion -Gully erosion -Rain drop erosion -Rill erosion -ways of controlling of --soil erosion in the garden -ways of controlling soil erosion the garden. -ways of controlling soil erosion in the compound -	answer technique	solving			book Page 7	
2					Defines mulching -mentions the example Of mulching materials. -state the advantages of mulching a garden - -mentions the dangers of mulching a garden	Reads, spells and pronounces words correctly e.g -mulches -control -husks -weeds -pests	<u>Mulching</u> -Definition of mulching -Examples of mulches -importance of mulching a garden -dangers of mulching a garden -			-			

3	**3**	**ENVIROMENT IN OUR SUB COUNTY**	**SOIL**	**SOIL FERTILITY**	The learner : -gives the meaning of a crop rotation -mentions the crops which can be put under crop rotation -states the advantages of crop rotation -	The learner: - Constructs sentences about crop rotation e.g crop rotation maintains soil fertility	<u>Crop rotation</u> -Definition of crop rotation -crops which can be grown under crop rotation -advantages of crop rotation to farmers	question and answer -guided discovery	Effective communication -fluency -logical flow of idea -problem solving	- Discussing the advantages of crop rotation	Chalk board illustration	Mk pri Science Book 3 Page 26	
	4		**AIR AND THE SUN**	**components of air**	Learners; - Defines air - Mentions the component of air - States the percentage composition of air	- Reads and spell words like , oxygen, carbon dioxide, rare gases	<u>AIR.</u> -What is air -Components -percentage Composition of air e.g. oxygen -21% Nitrogen - 78% Carbon dioxide – 0.03% Rare gases 0.97%	-Role play -Discussion			School garden	Comp Pri Science Book 3 Page 14	
4	**1**				- Mentions the uses of each component of air - Draws a fireextinguisher and state its use.	- Reads and writes words and sentences correctly	- **<u>Uses of each</u>** - Components of air ieoxygen, nitrogen,carbondioxisde and rare gasses					mk pri scie bk3 page 27	

							- **<u>The fire extinguisher and its importance</u>** - Experiment to show that oxygen supports burning -						
4	**2**	**ENVIRONMENT IN OUR SUBCOUNTY**	**AIR AND THE SUN**	. Properties of air	- **The leaner:** - Mentions the properties of air - Performs the experiment that air occupies space and exerts pressure. - States the application of air occupies and exerts pressure	**.The leaner:** Reads and spells given words e.g. -Properties. -Occupies. -Pressure. -Syringe. Pumping.	**<u>Properties of air</u>** <u>Air exerts pressure</u> Experiment. Application in daily life.	Question and answer technique	Performing experiments to demonstrate the properties of air	- Effective communication - Logical flow of ideas - Fluency appreciation	Balloons Glasses water card boards	Comp Pri Scie Bk3 Page 16	
	3						- **<u>Air has weight</u>** - Experiment - Application in daily life - Air can be	Experimentation Guided discussion				COMBTA Lit BOK3 Page 17	

							compressed - Air expands when heated Air moves objects						
	4				Defines wind Mention the uses of wind. Writes the dangers of wind	Reads and writes words and sentences correctly Eg - Moves - Motion - destroy - Blows - roots	WIND -definition of wind -uses of wind -Dangers of stronger wind. -Tools which use wind in order to operate. -Games played using air /wind.						
5	**1**	**ENVIROMENT IN OUR COUNTRY**	**AIR AND THE SUN**	**THE SUN**	The learner; - Explains where the sun raises and sets from - Names the forms of energy got from the sun. -states the uses of the sun to people	The learner; reads and writes words and sentences correctly -constructs correct sentences about the sun.	<u>THE SUN</u> -where it sets and rises -The sun as the mainnatural source of energy. Other natural sources of light - Uses of the sun to the people Dangers of prolonged sunshine	Question and answer Guided discussion	Naming the directions of the sun when setting and rising	Effective communication -fluency -accuracy	environment	Comprehensive science book 3 pages 23 COBTA Page 21	

	2				- Defines a shadow - Mentions the characteristic of shadows of different times of the day - Names the day - Names the regions of a shadow. -mentions the uses of shadows in the mouth	-Reads and writes words correctly e. g -umbra -penumbra -dark Image.	**SHADOWS.** -definition of shadows Characteristic of shadows -illustration of shadows. -uses of shadows of people **Topical test**.	Observation	Appreciation Friendship formation .	Naming regions of shadow	School environment	Mm Pri Sci Bk3 Page 24 COBTA PAGE 22	
	3	**EVIRONMENTIIN OUR SUBCOUNTY**	**CHANDE IN THE ENVIROMENT**	**Natural changes**	-Defines change -Mention the types of changes -State the examples of natural changes -Mention some ganger of natural changes.	-Tells stories about different natural changes	- <u>CHANGES IN THE ENVIRONMENT</u> - Meaning of change - Types of changes - <u>Natural</u> - <u>Meaning EXAMPLES</u> Dangers of some natural changes.	Self-discovery Question and angers	Problem solving Effective communication	-Naming common natural changes	environment	Mk Pri Scie Bks Page 30	

5	**4**	**Environment in our sub county**	**Change in the environment**	**Natural changes**	The learner; - Mentions the days of managing dangerous natural changes - Defines people made changes - Mentions examples of made changes. - States the dangers of people made changes to the environment	- The learner; reads, writes and spells words correctly. - Deforestation - Afforestation - Burning - Bush	- <u>Ways of managing or controlling natural changes.</u> - <u>People made changes</u> - Definition - Examples	Guided Discussion Brain storming	Effective Communication Problem solving	Discussing Ways of managing natural and people made changes	- Chalk board - illustration Environment	Comp Pri science Book 3 Page 58 Mk Primary Science Book 3 Page 32 COBTA Page 10	
6	**1**						- Dangers of People made changes in the environment. -ways of managing people made changes in the environment.	Question and answer	Effective communication	<u>Nature walk</u> Drawing different of weather	Chart Illustration Showing Conditions of weather	Comp Primary Science Book 3 Page 24	

6	**3**	**WEATHER CHANGES IN OUR SUB COUNTY**	**WEATHER AND SEASONS**	**WEATHER**	The learner; - Defines a cloud - Mentions the types of clouds - Gives the uses of clouds to the people - Mentions the dangers of clouds	The leaners ; -construct sentences about clouds -spells words like nimbus, stratus, arrus…….	<u>CLOUDS</u> -Definition -types of clouds -uses of clouds to people -Dangers of Of the clouds in the environme nt	Guided discussion	Effective Communica tion -fluency Logical flow of ideas	-mentioning the types of clouds -Describing each type of clouds.	- The sky and cloud s	Mk Pri Science Book 3 Page 38	
	4				- Defines rain fall and rain mentions the processes involved in rain formation -performs an Experiment to show the rain cycle	- Spells and pronounces - Words like - Evaporation - Transpiration - Freezing - Conversation	<u>Rain fall</u> - Definition - Processes involved in the rain cycle - Illustration s to show the rain cycle - Experimen t ,to demonstra te the rain cycle	- Brain storming Question and answering technique	Problem solving appreciation			COBTA Page 27 Comp Pri Science Book 3 Page 27	
7	**1**				- Mentions the uses of rain in the environmen t - States the dangers of rain in the environmen t - Discusses ways of	- Reads poems about the rain	- Uses of rain in the environme nt - Dangers of too much rain in the environme nt -Discusses ways of managing	-	-			- COBT A - Page 25	

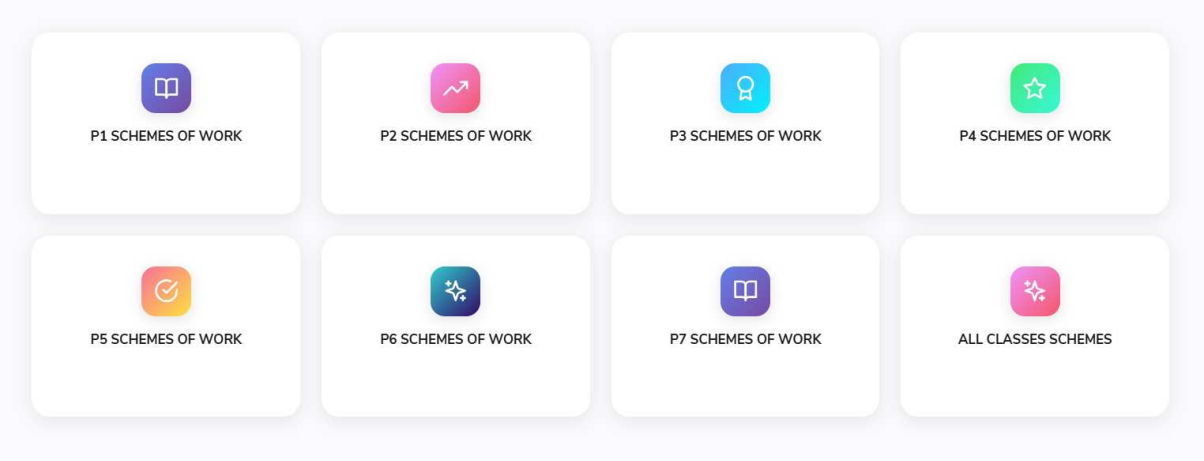
					managing rainy weather		rainy weather - Names the instrument for measuring the amount of rainfall received in an area						
7	**2**	**WEATHER CHANGES IN OUR SUB COUNTY**	**WEATHER AND SEASONS**	**Weather Instruments**	The learner; - Mentions different weather instruments - Draws each weather instruments - States the uses of each weather instrument	Learner; Names common weather instruments -wind vane -wind sock -anemometer	- <u>Weather instruments</u> - Diagrams of each weather instrument - Uses of each weather instrument	- Discovery Question and answering technique	- Appreciation	Drawing different weather Instruments	Models of weather Instruments	Comp Pri Science Book 4 Page 199	
	3			**Seasons**	The learner; - Defines a season - Mentions the types of seasons in Uganda - Writes down activities done in the dry and wet seasons	- Constructs sentences about seasons e.g farmers ,plants, crop during the dry season	<u>Seasons</u> -Definition of a season -Types of seasons -Activates carried out during dry and wet season -why is harvesting done during the dry season		Effective Communication -fluency -Audibility -Accuracy			COBTA Lit Book Page 28	

	4				The Learner; - Defines harvesting - Mentions the methodsof harvesting crops - Names the crop harvested by each method		- <u>Harvesting</u> - Definition - Methods of harvesting Crops harvested by each method. -season for harvesting. - Importance of harvesting during the dry season. Importance of seed selection.						

8	**1** **2**	**Environment in our sub county**	**MANAGING WATER**	Water source	Mention the source of water. -Mention the uses of water at home. - Discusses ways water gets contaminated at home and at the source Discuss the ways of protecting water sources. -Names the things used for harvesting water.	- Reads and writes word and sentences correctly Spells and pronounces words. - E.g. - Dirty Uncovered -Fencing Protect protection -	- SOURCES OF WATER. - Types of water sources - Examples of natural and people made sources of water	Question and answer -uses of water at home. -Industrial uses of water.	Brain storming	Effective communication -Influence confidence. -Accuracy	Discuss ways of protecting water sources.	Pots Terry cans. Water	M

	3				-	- .	- Ways water gets contaminated at home and at the source. - How to make water safe for drinking - How to make water clean - Ways of protecting water sources. Ways of making water safe for drinking	Guided discovery	Problem solving	Discuss ways of harvesting water		COMP Pri Scie Bk3 Page **40**	
	4				-		-Ways of harvesting water. Importance of storing water.			Creative thinking		COBTA Lit Bk Page **24**	

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/