VICTORIOUS PRIMARY SCHOOL

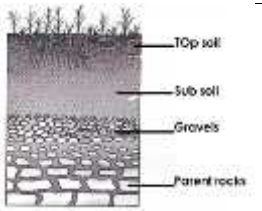
SCHEME OF WORK FOR P.3 TERM ONE

WK	PD	DAY	THEME	S/THEME	CONTENT	COMPETENCES	METHODS	ACTIVITIES	INDI.OF LSV	INSTR. MAT	REF	REM
1	1	1	**Our environment in our division**	**Soil**	**Soil** Soil is the top layer that covers the earth's surface **Components/composition of soil** Rock particles - Humus/Organic matter **Importance of each**	**The learner;** States the meaning of soil Mentions the components of soil	Observation Guided discovery Guided discussion Question and answer demonstration	Stating the meaning of soil Mentioning the components of soil	Appreciation Fluency Care Love critical thinking awareness	Soil samples	Mk junior literacy book three	

					component of environment **(a) Water** **Importance of water in the soil** - Water dissolves mineral salts in the soil so that they can be absorbed by plant roots. b) **Air** - Air helps living things in to breathe. c) **Humus** - Humus makes the soil fertile for plant growth. **Living organisms** - Aerate the soil. **Examples of living organisms** - Rats - Bacteria							

	2	**2**	**Our environment in our division**	**Soil**	**<u>Types of soil and their texture</u>** 1. Loam soil 2. Sand soil 3. Clay soil Characteristics of different types of soil	Mentions the types of soil Compares different types of soil	Observation Guided discovery Guided discussion Question and answer demonstration	Mentioning the types of soil Comparing different types of soil	Appreciation Fluency Care Love critical thinking awareness	Soil samples	Mk junior literacy book three	
	3	**3**	**Our environment in our division**	**Soil**	**Clay soil** ⇒ Clay soil is made of very small, smooth fine particles of soil. ⇒ Clay soil particles are very close to each other	Mentions the types of soil Compares different types of soil	Observation Guided discovery Guided discussion Question and answer demonstration	Mentioning the types of soil Comparing different types of soil	Appreciation Fluency Care Love critical thinking awareness	Soil samples	Mk junior literacy book three	

					Loam soil ⇒ It has a uniform mixture of sand, clay and humus ⇒ It is dark in colour							
	4	**4**	**Our environment in our division**	**Soil texture**	**Soil texture** Soil texture is the roughness or smoothness of soil. **Texture of different types of soil** **Types of soil** / **texture** Sand / - Soil has r - This is be big soil p spaces.	Gives the meaning of soil texture Identifies the textures of types of soil	Observation Guided discovery Guided discussion Question and answer demonstration	Giving the meaning of soil texture Identifying the textures of types of soil	Appreciation Fluency Care Love critical thinking awareness	Soil samples	Mk junior literacy book three	
	5	**5**	**Our environment in our division**	**Soil profile**	**Layers of soil** ⇒ Soil profile is the natural vertical arrangements of soil layers.	Defines soil profile Identifies the layers of the soil profile	Observation Guided discovery Guided discussio	Defining soil profile Identifying the layers of the soil profile	Appreciation Fluency Care Love critical	A chart showing soil profile	Mk junior literacy bo	

					 ⇒ -The different layers of soil profile are easily seen in 1. Dug pit **2.** Cliff		n Question and answer demonstration		thinking awareness		ok thr ee	
2	**1**	**1**	**Our environment in our division**	**Uses of soil**	**Uses of soil** ⇒ We grow crops in the soil ⇒ We use sand soil in making of glass ⇒ Building, or construction **<u>Uses of sand soil</u>** ⇒ For building houses ⇒ For making bricks ⇒ For making glasses ⇒ For making	States the uses of different types of soil	Observation Guided discovery Guided discussion Question and answer demonstration	Stating the uses of different types of soil	Appreciation Fluency Care Love critical thinking awareness	Soil sample	Mk junior literacy book three	

					sand paper **<u>Uses of clay soil</u>** ⇒ For pottery ⇒ For making bricks ⇒ For making tiles							
	2	**2**	**Our environment in our division**	**Soil formation**	**Soil formation** ⇒ Soil is formed in two ways/ methods namely. 1. Decomposition 2. Weathering **a)Decomposition.** **Causes of decomposition** Fungi ✓ Bacteria **b) Weathering** ⇒ Weathering is the breaking down of small rock particles	States ways through which soil is formed Defines the term weathering	Observation Guided discovery Guided discussion Question and answer demonstration	Stating ways through which soil is formed Defining the term weathering	Appreciation Fluency Care Love critical thinking awareness	Our environment	Mk junior literacy book three	

					from the parent or main rock to form soil. **Causes of weathering** ✓ Earth quake							
	3	**3**	**Our environment in our division**	**Soil formation**	**Experiments about soil components** **a) An experiment to prove that soil contains humus** **Things to be used (Apparatus)** 1. Soil sample 2. Empty glass, 3. Water **Steps followed** 1. Get a big glass 2. Pour in soil up to quarter way the glass. 3. Add water to the brim of the glass.	Performs an experiment to show that soil contains air and humus Draws the illustrations of the experiments	Observation Guided discovery Guided discussion Question and answer demonstration	Performing an experiment to show that soil contains air and humus Drawing the illustrations of the experiments	Appreciation Fluency Care Love critical thinking awareness	Soil samples	Mk junior literacy book three	

					4. Now cover the glass, shake it and let it to settle.							
	4	**4**	**Our environment in our division**	**Soil formation**	**An experiment to prove that soil contains water** **Things you will need** 1. Water 2. Sauce pan 3. Cover 4. Heat source **Procedure** 1. Get some garden soil and put it in a saucepan. 2. cover the saucepan with another saucepan 3. Put the sauce pan on fire	Carries out an experiment to show that soil contains water Draws the diagram to show that soil contains water	Observation Guided discovery Guided discussion Question and answer demonstration	Carrying out an experiment to show that soil contains water Drawing the diagram to show that soil contains water	Appreciation Fluency Care Love critical thinking awareness	Soil samples	Mk junior literacy book three	

	5	***5***	**Our environment in our division**	**Natural causes of changes in the environment**	**Types of changes in our surroundings** 1. Natural changes 2. Human activities /man-made changes **Natural changes** ⇒ Changes which are brought about by nature are called **natural changes** ⇒ Man has little or no control over them. **Natural changes around us** Floods Earthquakes	States the meaning of natural changes Mentions the examples of natural changes	Observation Guided discovery Guided discussion Question and answer demonstration	Stating the meaning of natural changes Mentioning the examples of natural changes	Appreciation Fluency Care Love critical thinking awareness	Flash cards	Mk junior literacy book three	

					Landslides Thunder							
3	**1**	**1**	**Our environment in our division**	**Weather and its element**	**Changes in weather** ⇒ Weather is the condition of the atmosphere of a given place at a given time. **Weather is made up of the following factor/elements** Sunshine Rainfall Humidity Cloud cover	Defines weather Mentions the elements of weather	Observation Guided discovery Guided discussion Question and answer demonstration	Defining weather Mentioning the elements of weather	Appreciation Fluency Care Love critical thinking awareness	Our environment	Mk junior literacy book three	
	2	**2**	**Our environment in our division**	**Causes of a natural changes**	**Causes of changes in the environment** **Floods** ⇒ Draining swamps. ⇒ Too much rain	Gives the causes of floods , drought and landslides	Observation Guided discovery Guided discussion	Giving the causes of floods , drought and landslides	Appreciation Fluency Care Love critical thinking	Our environment	Mk junior literacy book	

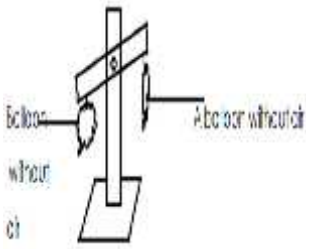
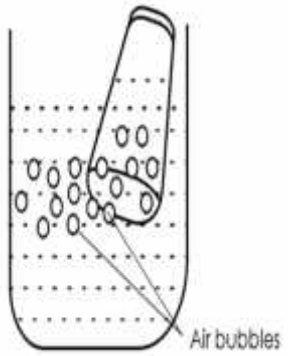
					fall. **Drought** ⇒ Deforestation ⇒ Too much sunshine. **Land slides** ⇒ Too much rain fall.		Question and answer demonstration		awareness		three	
	3	**3**	**Our environment in our division**	**Effects of changes in the environment**	**Effects of changes in the environment** **1. Floods** ⇒ A flood is when there is a lot of running water covering a large place after it has rained. **Effects of floods** ⇒ Floods kill many people and other animals. ⇒ Floods destroy buildings. ⇒ Floods destroy a lot of	Defines floods Mentions the effects of floods	Observation Guided discovery Guided discussion Question and answer demonstration	Defining floods Mentioning the effects of floods	Appreciation Fluency Care Love critical thinking awareness	Chalk board illustration	Mk junior literacy book three	

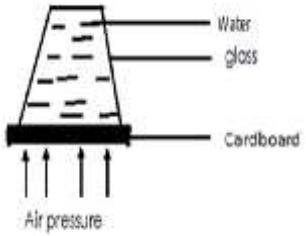
					property in shops and houses. ⇒ Floods cause soil erosion. ⇒ Floods lead to displacement of people.							
	4	**4**	**Our environment in our division**	**Drought**	**Drought** **Drought (natural causes)** ⇒ Drought is a long period of sunshine without rain. **Effects of drought in the environment** ▪ **Drought causes many changes in the environment** ⇒ Drought destroys crops. ⇒ Animals will die when there	States the meaning of drought Mentions the effects of drought	Observation Guided discovery Guided discussion Question and answer demonstration	Stating the meaning of drought Mentioning the effects of drought	Appreciation Fluency Care Love critical thinking awareness	Our daily experiences	Mk junior literacy book three	

					are no plants for them to eat as food. ⇒ Drought dries water sources							
	5	**5**	**Our environment in our division**	**Managing effects of changes in the environment**	**Managing effects of changes in the environment** **a) Floods** ⇒ Dig big trenches to avoid floods. Trenches direct water to the right place. **b) Drought** ⇒ Planting trees ⇒ Digging valley dams ⇒ Planting drought resistant crops. **Land slides** ⇒ Avoid building in valleys or at the slopes of hills or	States the effects of changes in the environment	Observation Guided discovery Guided discussion Question and answer demonstration	Stating the effects of changes in the environment	Appreciation Fluency Care Love critical thinking awareness	Illustration on chalk board	Mk junior literacy book three	

					mountains. ⇒ Planting trees							
4	**1**	**1**	**Our environment in our division**	**Changes in the environment through human activities**	**Human activities/man-made changes** ⇒ These are changes brought about by people or man. **Examples of man-made changes** ⇒ Cutting down trees ⇒ Construction of buildings and roads ⇒ Making bridges	Defines man made changes States the examples of man made changes	Observation Guided discovery Guided discussion Question and answer demonstration	Defining man made changes Stating the examples of man made changes	Appreciation Fluency Care Love critical thinking awareness	Brick building	Mk junior literacy book three	
	2	**2**	**Our environment in our division**	**Changes in the environment**	**Possible ways of managing people made changes** ⇒ Planting more	Gives the ways of managing man made changes	Observation Guided discovery Guided	Giving the ways of managing man made changes	Appreciation Fluency Care Love	Brick building	Mk junior literacy	

				through human activities	trees. ⇒ Preserving swamps. ⇒ Dig valley dams to keep water for animals and irrigation of crops. ⇒ Avoiding burning bushes. ⇒ Planting grass. ⇒ Avoid throwing things that do not rot into soil.		discussion Question and answer demonstration		critical thinking awareness		book three	
	3	**3**	**Our environment in our division**	**Air and the sun**	• **Air** Air is a mixture of gases • **Components of air** 1. Nitrogen 2. Oxygen 3. Carbohydrates 4. Rare gases • **Percentage of gases in the atmosphere**	Defines air States the components of air Mentions the percentages for each gas	Observation Guided discovery Guided discussion Question and answer demonstration	Defining air Stating the components of air Mentioning the percentages for each gas	Appreciation Fluency Care Love critical thinking awareness	A chart showing components of air	Mk junior literacy book three	

					1. Nitrogen - 78% 2. Oxygen - 21%							
	4	**4**	**Our environment in our division**	**Air and the sun**	• **Properties of air** **Air has weight**. 	Identifies the property of air Draws the property of air	Observation Guided discovery Guided discussion Question and answer demonstration	Identifying the property of air Drawing the property of air	Appreciation Fluency Care Love critical thinking awareness	Balloons	Mk junior literacy book three	
	5	**5**	**Our environment in our division**	**Air and the sun**	**Air occupies space.** 	Identifies the property of air Draws the property of air	Observation Guided discovery Guided discussion Question and answer demonstration	Identifying the property of air Drawing the property of air	Appreciation Fluency Care Love critical thinking awareness	Water Glass container	Mk junior literacy book three	

5	**1**	**1**	**Our environment in our division**	**Air and the sun**	**Air exerts pressure.**  	Identifies the property of air Draws the property of air	Observation Guided discovery Guided discussion Question and answer demonstration	Identifying the property of air Drawing the property of air	Appreciation Fluency Care Love critical thinking awareness	Water Glass container	Mk junior literacy book three	
	2	**2**	**Our environment in our division**	**Air and the sun**	**Air can be compressed.**  	Identifies the property of air Draws the property of air	Observation Guided discovery Guided discussion Question and answer demonstration	Identifying the property of air Drawing the property of air	Appreciation Fluency Care Love critical thinking awareness	Water Glass container	Mk junior literacy book three	
	3	**3**	**Our environment in our division**	**Air and the sun**	• **Uses of wind /air** ⇒ Wind helps in winnowing. ⇒ Wind helps in	Mentions the uses of air	Observation Guided discovery Guided	Mentioning the uses of air	Appreciation Fluency Care Love	Candles Soft drinks	Mk junior literacy	

					flying kites. ⇒ Wind helps to dry clothes. ⇒ Wind helps to sail boats. ⇒ Wind helps in pollination. ⇒ Wind runs wind mills .		discussion Question and answer demonstration		critical thinking awareness		book three	
	4	**4**	**Our environment in our division**	**Air and the sun**	• **Dangers of wind** ⇒ Strong wind destroys houses ⇒ Strong wind breaks trees ⇒ Strong wind destroys crops ⇒ Strong winds capsises boats	Gives the dangers of wind /air	Observation Guided discovery Guided discussion Question and answer demonstration	Giving the dangers of wind /air	Appreciation Fluency Care Love critical thinking awareness	Chalk board illustrations	Mk junior literacy book three	

	5	***5***	**Our environment in our division**	**Air and the sun**	• **The sun** ⇒ The is the natural sour ce of heat and light. ⇒ The sun rises in the East and sets in the west. ⇒ When light from the sun is blocked by an opaque object, a shadow is formed. ⇒ In the morning, shadows are formed in the West. In the evening shadows are formed in the East. . At noon, midday, shadows are shortest.	Mentions the main source of light States the directions from which the sun rises and sets Identifies an illustration of a shadow from its objects	Observation Guided discovery Guided discussion Question and answer demonstration	Mentioning the main source of light Stating the directions from which the sun rises and sets Identifying an illustration of a shadow from its objects	Appreciation Fluency Care Love critical thinking awareness	Our environment	Mk junior literacy book three	

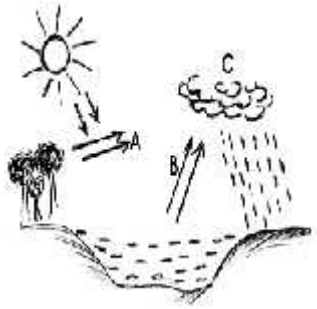
6	**1**	**1**	**Our environment in our division**	**Air and the sun**	• **Uses of the sun** ⇒ The sun gives us light ⇒ Sun heat helps to keep our bodies warm. ⇒ Sun light helps our bodies to make vitamin D. ⇒ The sun is the source of solar energy. ⇒ The sun dries harvested crops. ⇒ The sun dries clothes. ⇒ The sun helps plants to make theor own food.	Gives the uses of the sun	Observation Guided discovery Guided discussion Question and answer demonstration	Giving the uses of the sun	Appreciation Fluency Care Love critical thinking awareness	Our environment	Mk junior literacy book three	

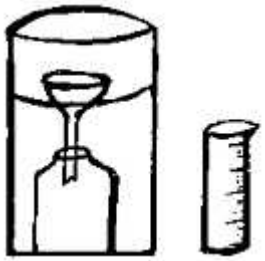
	2	**2**	**Our environment in our division**	**Air and the sun**	• **Dangers of the sun** ⇒ Too much sunshne dries water sources. ⇒ Too much sunshine makes land too hard to dig. ⇒ Direct sun heat may lead to skin cancer.	States the dangers of the sun	Observation Guided discovery Guided discussion Question and answer demonstration	Stating the dangers of the sun	Appreciation Fluency Care Love critical thinking awareness	Chalk board illustrations	Mk junior literacy book three	
	3	**3**	**Our environment in our division**	**Air and the sun**	**<u>An experiment to show that plants need sunlight.</u>** ⇒ Plants need sunlight to grow well ⇒ Sunlight is used by plants to make their own food. **<u>Conditions</u>**	Performs an experiment to show why plants need light Draws a diagram to show why plants light	Observation Guided discovery Guided discussion Question and answer demonstr	Performing an experiment to show why plants need light Drawing a diagram to show why plants light	Appreciation Fluency Care Love critical thinking awareness	Box seeds	Mk junior literacy book three	

					<u>needed by plants to grow well.</u> ⇒ Sunlight ⇒ Water		ation					
	4	**4**	**Our environment in our division**	**water**	**<u>Rainfall formation</u>** ⇒ Rain is the amount of water falling in separate drops from clouds. **<u>Process in the rain formation(water cycle)</u>** **1. Evaporation** ⇒ This the process by which water changes into vapour. 2. **Condensation** ⇒ This is the process by which vapor changes into water. **3. Transpiration.** ⇒ This is the process by	States the meaning of rain Identifies the processes by which rain is formed Defines the processes of rain formation	Observation Guided discovery Guided discussion Question and answer demonstration	Stating the meaning of rain Identifying the processes by which rain is formed Defining the processes of rain formation	Appreciation Fluency Care Love critical thinking awareness	Flash cards	Mk junior literacy book three	

					which plants lose water into the atmosphere.							
	5	**5**	**Our environment in our division**	**water**	• **Clouds** ⇒ Clouds are a mass of condensed water floating in the sky. • **Types of clouds** 1. Nimbus clouds 2. Cirrus clouds 3. Stratus clouds 4. Cumulus clouds • **Nimbus clouds** ⇒ They are dark grey in colour ⇒ Nimbus clouds are the nearest to the earth's surface ⇒ They give us rain	Defines clouds Mentions the types of clouds	Observation Guided discovery Guided discussion Question and answer demonstration	Defining clouds Mentioning the types of clouds	Appreciation Fluency Care Love critical thinking awareness	A chart showing clouds	Mk junior literacy book three	

7	**1**	**1**	**Our environment in our division**	**water**	• **Uses of clouds:** ⇒ Nimbus clouds give us rain. ⇒ Clouds cool the environment. ⇒ Clouds protect us from direct sun rays.	Mentions the uses of clouds	Observation Guided discovery Guided discussion Question and answer demonstration	Mentioning the uses of clouds	Appreciation Fluency Care Love critical thinking awareness	Our environment	Mk junior literacy book three	
	2	**2**	**Our environment in our division**	**water**	**<u>Effects/ dangers of clouds</u>** ⇒ Clouds can bring heavy rainfall which causes floods	States the dangers and effects of clouds	Observation Guided discovery Guided discussion Question and answer	Stating the dangers and effects of clouds	Appreciation Fluency Care Love critical thinking awareness	Our environment	Mk junior literacy book three	

							demonstration					
	3	**3**	**Our environment in our division**	**water**	**<u>An illustration of water cycle.</u>**  A- Transportation B- Evaporation	Identifies the processes in the water cycle	Observation Guided discovery Guided discussion Question and answer demonstration	Identifying the processes in the water cycle	Appreciation Fluency Care Love critical thinking awareness	A chart showing the water cycle	Mk junior literacy book three	
	4	**4**	**Our environment in our division**	**water**	• **Measuring rainfall** ⇒ Rainfall is measured using an instrument called a rain gauge. **A diagram of a**	Identifies the instruments used to measure rain fall Draws the diagram of rain gauge	Observation Guided discovery Guided discussion Question and	Identifying the instruments used to measure rain fall Drawing the diagram of	Appreciation Fluency Care Love critical thinking awareness	A chart showing a rain gauge	Mk junior literacy book three	

					rain gauge  ⇒ A rain gauge should be placed in an open place to prevent obstruction of rain drop. ⇒ A rain gauge should be placed above the ground level to prevent flowing water and splashing water from entering in the rain gauge.		answer demonstration	rain gauge				

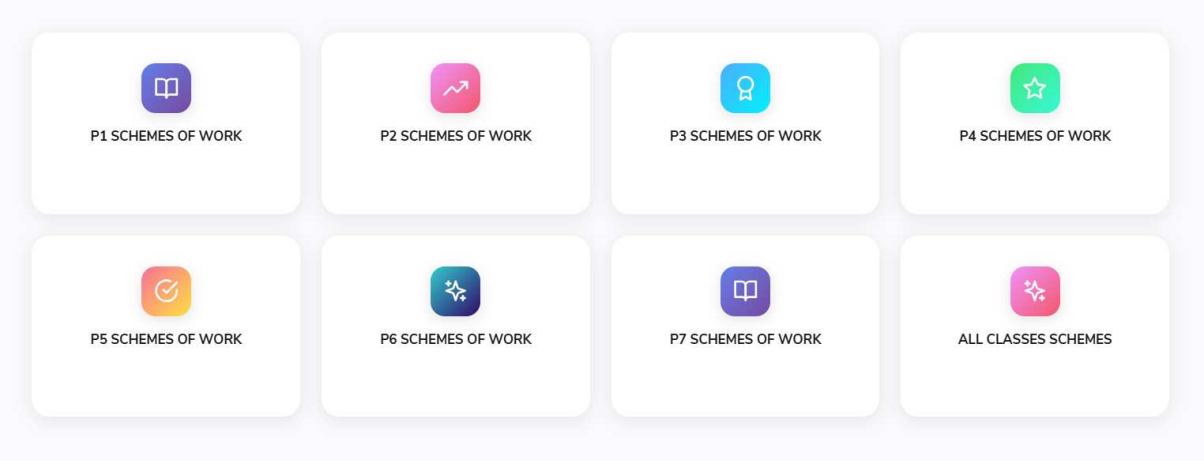
	5	***5***	**Our environment in our division**	**water**	**<u>Importance of rain on soil and animals</u>** ⇒ Animals get water for drinking ⇒ Rain water helps plants to grow well ⇒ Rain makes the soil soft and supports plants to grow ⇒ People get water for domestic use. ⇒ Rain makes the environment cool. ⇒ Animals get enough pasture when it rains.	Mentions the uses of rain on soil and animals	Observation Guided discovery Guided discussion Question and answer demonstration	Mentioning the uses of rain on soil and animals	Appreciation Fluency Care Love critical thinking awareness	Rain water	Mk junior literacy book three	

8	**1**	**1**	**Our environment in our division**	**water**	**Dangers of rain on soil and animals** Too much rain causes landslides Too much rain destroys crops Too much rain kills people and animals	States the dangers of rain on soil and animals	Observation Guided discovery Guided discussion Question and answer demonstration	Stating the dangers of rain on soil and animals	Appreciation Fluency Care Love critical thinking awareness	School compound	Mk junior literacy book three	
	2	**2**	**Our environment in our division**	**water**	• **<u>Importance of water</u>** ⇒ We use water in bathing , washing and cooking ⇒ Animals use it for drinking. ⇒ It is used for irrigation. ⇒ It is used for transportation. ⇒ It helps in seed germination and growth.	Mentions the uses of water to people	Observation Guided discovery Guided discussion Question and answer demonstration	Mentioning the uses of water to people	Appreciation Fluency Care Love critical thinking awareness	A chart showing uses of water	Mk junior literacy book three	

	3	**3**	**Our environment in our division**	**water**	**<u>Sources of water</u>** Natural sources Man-made sources of water **Natural sources** These sources of water occur naturally e.g. lakes **Man-made sources** These sources of water are made by man e.g. borehole	Identifies the natural and man-made sources of water	Observation Guided discovery Guided discussion Question and answer demonstration	Identifying the natural and man-made sources of water	Appreciation Fluency Care Love critical thinking awareness	A chart showing sources of water	Mk junior literacy book three	
	4	**4**	**Our environment in our division**	**water**	**<u>Maintenance of water sources</u>** Clean all the parts around water sources	Mentions ways of maintaining water sources	Observation Guided discovery Guided discussion	Mentioning ways of maintaining water sources	Appreciation Fluency Care Love critical thinking	A chart showing sources of water	Mk junior literacy book	

					Build toilets and latrines 30m away from the water sources Do not bathe in or near a water source		Question and answer demonstration		awareness		three	
	5	***5***	**Our environment in our division**	**water**	**Water harvesting** This is the way of collecting water **Items** Basins Buckets Sauce pans Water tanks	Defines water harvesting Identifies items used to harvest water	Observation Guided discovery Guided discussion Question and answer demonstration	Defining water harvesting Identifying items used to harvest water	Appreciation Fluency Care Love critical thinking awareness	A chart showing sources of water	Mk junior literacy book three	

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