NAME OF TEACHER: ..... **WEEK ENDING...14-04-2023.....**

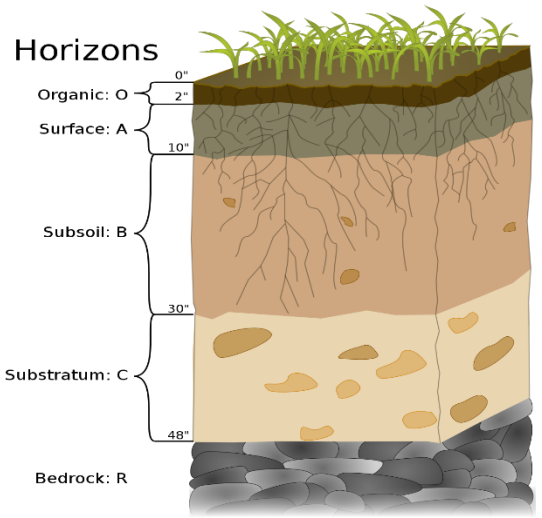
NUMBER ON ROLL: ..... **SUBJECT... SCIENCE**

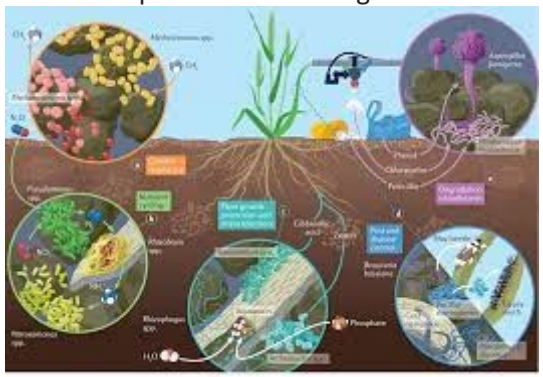
DURATION: ..... **REFERENCE...SYLLABUS(CRDD,2007),SCIENCE FOR JHS .....**

FORM.....BASIC 9..... **WEEK.....2.....**

DAY/DURATION	***TOPIC/SUB-TOPIC/ASPECT***	***OBJECTIVES/R. P. K***	***TEACHER-LEARNER ACTIVITIES***	**T/L MATERIALS**	**CORE POINTS**	**EVALUATION AND REMARKS**
MONDAY **10-04-2023**	**Topic:** Soil and Water Conservation **Sub-Topic;** Soil resources	**Objectives** By the end of the lesson, pupils will be able to; explain the factors which lead to the depletion of soil resources. **RPK** Pupils were taught lessons on soil and water conservation in basic 8	**Introduction.** Pupils brainstorm to explain the meaning of Soil resources. **Activities** 1. Assist Pupils to identify examples of Soil resources. 2. Discuss the meanings of the soil resources	Power Point Presentation, Pictures, Video	**Examples of soil resources** ○ particles of rock ○ sand and clay ○ organic material such as plant residues ○ soil-dwelling animals ○ organisms such as bacteria and fungi ○ air and water in soil pores 	**Exercise;** 1. What is Soil Depletion ? 2. State 5 factors that lead to soil depletion.

			with the Pupils. 3. Pupils brainstorm to identify the properties of the soil resources. 4. Using Power Point Presentation, explain 'Soil depletion'. 5. Discuss with Pupils the factors that lead to depletion of soil. **Conclusion** Through questions and answers, conclude the lesson.		**Factors that lead to soil depletion;** ▪ deforestation, ▪ overgrazing ▪ intensive cultivation ▪ forest fires construction work.	

THURSDAY **13-04-2023**	**Topic:** Soil and Water Conservation **Sub-Topic;** Methods of restoring soil resources	**Objectives** By the end of the lesson, pupils will be able to; outline the methods of restoring depleted soil. **RPK** Pupils were taught lessons on soil and water conservation in basic 8	**Introduction.** Review Pupils knowledge on the causes of soil depletion. **Activities** 1. Discuss 5 effects of Soil depletion with the Pupils. 2. Show Pupils video and pictures displaying methods of restoring depleted soil. 3. Pupils brainstorm to identify methods of restoring depleted soil. **Conclusion** Through peer to peer discussions, Pupils discuss examples of Soil		**Soil Depletion;** Soil depletion occurs when the components which contribute to fertility are removed and not replaced, and the conditions which support soil's fertility are not maintained.  **Methods of Restoring Soil Resources;** ❖ use of green manure (uprooted or sown crop parts incorporated or left on topsoil) ❖ cover crops ❖ crop rotation organic compost	**Exercise;** . 1. Explain the term 'Soil depletion ” State 4 methods of restoring depleted Soil.

			nutrients needed for plant growth.			
FRIDAY **14-04-2023**	**Topic:** Soil and Water Conservation **Sub-Topic;** Functions of Soil Resources	**Objectives** By the end of the lesson, pupils will be able to; explain functions of soil resources **RPK** Pupils were taught lessons on soil and water conservation in basic 8	**Introduction.** Learners brainstorm to identify examples of soil resources. **Activities** 1. Discuss the meanings of soil resources with the Pupils. 2. Assist Pupils to explain the functions of Soil resources. 3. Pupils in small groups to discuss how the soil		**Functions of soil resources;** i. Healthy soils are essential for healthy plant growth, human nutrition, and water filtration. ii. Healthy soil supports a landscape that is more resilient to the impacts of drought, flood, or fire. iii. Soil helps to regulate the Earth's climate and stores more carbon than all of the world's forests combined iv. It underpins human food production systems v. supports the cultivation of vegetation for feed, fibre and fuel, and has the potential to help combat and mitigate climate change 	**Exercise;** State 5 functions of Soil resources **Remarks;**

			resources support plant growth. **Conclusion** Reflect on the functions of soil resources.			

Name of Teacher: ***School:*** ***District:***