GRADES 1 to 12 DAILY LESSON LOG	School:	DepEdClub.com	Grade Level:	V
	Teacher:	File created by Ma'am EDNALYN D. MACARAIG	Learning Area:	SCIENCE
	Teaching Dates and Time:	MAY 15 – 19, 2023 (WEEK 3)	Quarter:	4TH QUARTER

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
I. OBJECTIVES					
A. Content Standards	The Learners demonstrate understanding of… weathering and soil erosion shape the Earth's surface and affect living things and the environment				
B. Performance Standards	The Learners should be able to… participate in projects that reduce soil erosion in the community				
C. Learning Competencies/Objectives Write the LC code for each	1. Communicate the data collected from the investigation on soil erosion 2. Identify ways on how to reduce the harmful effects of soil erosion on living things and environment. S5FE-IVc-3/ Page 33of 66				
II. CONTENT	Weathering and Soil Erosion				
III. LEARNING RESOURCES					
A. References					
1. Teacher's Guide pages	Curriculum Guide for grade 5 Code:S5FE-IV-C-3				
2. Learner's Material pages					
3. Textbook pages	Science and Health 5, Science 4 TG and LM lesson 57				
4. Additional Materials from Learning Resource (LR) portal	www.landscapeplanet.com., www.omatra.gov.on.ca., www.landscapeplanet.com., www.erosionpollution.com. www.landscapeplanet.com., www.erosionpollution.com				
B. Other Learning Resources	Day 1- "Shower Them All" Sand, plastic, water, strainer, mini houses, trees and grasses	Day 2- "Blow Them All" Electric fan/fan, sand, mini houses, trees and grasses	Day 3-"What Have They Done?" Pictures, strips of paper, manila paper, pentel pen	Day 4-"What Would You Do?" Pentel pen, pencil, color, manila paper, bond paper.	
IV. PROCEDURES					
A. Reviewing previous lesson or presenting the new lesson	A. Observe cleanliness in the area Engagement Set standards on suggested instructions to be observed before taking the class outside of the classroom. (If not applicable set standards in video viewing or you may do the activity inside the classroom) 1. Avoid unnecessary noise in getting in and out of the classroom. 2. Be with the group 3. Bring notebook and pen 4. Work on the assigned Task 5. Be mindful on the allotted time				**WEEKLY TEST**
B. Establishing a purpose for the lesson	After setting the standards do the following. 1. Allow the pupils to go outside the classroom where they can go outside and walk on the uncemented school ground. 2. If the weather is not good, just stay in the classroom where they can still see the school ground. 3. Let them observe for 3-5 minutes.				

	4. Ask them to observe the part of the school which are prone to soil erosion and think of the possible ways on how to reduce it.				
C. Presenting examples/instances of the new lesson	. Preparatory Activity Say: Let us learn more about soil erosion as we perform the next activity. Day 1 – LM Activity "Shower Them All" 1.Check the materials ahead of time 2.Provide manila paper, tape and marker for group output. 3.Emphasize the use of senses in doing the activity.	Day 2- LM Activity "Blow Them All" 1.Prepare/Check the materials ahead of time. 2.Check the materials of the pupils. 3.Provide manila paper, tape and marker for group output.	Day 3- LM Activity "What Have They Done?" 1.Prepare/Check the materials ahead of time. 2.Check the materials of the pupils. 3.Provide manila paper, tape and marker for group output	Day 4- LM Activity "What Would You Do?" 1.Group the class into 3. 2.Allow them to choose their leaders. 3.Ask the leader to get the activity assigned. 4.Set the standards in performing an activity. 5.Allow the pupils to perform their assigned task for 15 minutes.	
D. Discussing new concepts and practicing new skills #1	. What to do: .Make a sand pyramid on top of the plastic cover. 2.Design the toy houses, trees and grasses around the sand pyramid. 3.Make a rain using the strainer and water on the pyramid for 5 seconds, then 10 seconds.	What to do: 1.Make a sand pyramid on top of the plastic cover. 2. Design the toy houses, trees and grasses around the sand pyramid. 3. Align the set on an electric fan a) number 1 speed b) number 2 speed c) number 3 speed.	What to do: 1. Make to columns on the manila paper. 2. Title the first column "Human Activities That Causes Soil Erosion" and title the second column "Effects of Human Activity to the Environment and Living things" 3. Arrange the given pictures and phrases in its proper column. 4. Answer the guide questions correctly. Original File Submitted and Formatted by DepEd Club Member - visit depedclub.com for more	. What to do: Group 1 (Poster Making) 1. Using the manila paper draw ways on how to reduce soil erosion caused by rainfall 2. The leader will report their work. Group 2 (Jingle/Song) 1. Using the tune of a familiar song, create its lyrics on ways on how to reduce soil erosion caused by wind. 2. The group will sing it to the class. Group 3 (News Report) 1. Make a news report on ways of how to reduce soil erosion caused by humans and animals 2. Present it to the class acting as if each member is a tv reporter.	
E. Discussing new concepts and practicing new skills #2	1.What happens to the set up when you pour water on it for 5 seconds? For 10 seconds? 2.What made the soil erode or wear away? 3.When the soil loosens up and erode, what happens to the houses and trees? 4.What are the effects of soil erosion made by water or rain? 5.How would you reduce soil erosion caused by water or rain? 6.Complete the tables based on the activity.	1.What happens to the soil when you allow the electric fan to blow it at number 1,2,3 speed? 2.What made the top soil erode or wear away? 3.When the top soil erode, what happens to the houses and trees? 4. When the top soil wear away, do you think will happen to the quality of the soil for our crops? 5. What are the effects of soil erosion made by wind or air? 6. How would you reduce soil erosion caused by wind or air? 7. Complete the tables based on the activity.	Guide Questions: 1.What are the human activities that causes soil erosion? 2.How does deforestation and constructions cause soil erosion? 3.How does these affect our environment? 4.How does agriculture cause soil erosion? 5.Knowing that these human activities has harmful effects on the living things and environment, what are the possible ways to reduce soil erosion?	Guide Questions: 1.What are the causes of soil erosion? 2.What are the harmful effects of soil erosion on living things and environment? 3.What are the different ways on how to reduce soil erosion caused by rainfall? 4.What are the different ways on how to reduce soil erosion caused by wind? 5.What are the different ways on how to reduce soil erosion caused by humans and animals? 6.How did each group present their task? Soil Erosion Because of / Effects of Soil Erosion on living things and / Ways to Prevent the	

	SOIL EROSION BY RAIN OR WATER Harmful Effects to Living Things and Environment / Ways to Prevent/ Reduce the Harmful Effects 1. / 1. 2. / 2. 3. / 3. [ ] / [ ]	**SOIL EROSION BY WIND OR AIR** Harmful Effects to Living Things and Environment / Ways to Prevent/ Reduce the Harmful Effects 1. / 1. 2. / 2. 3. / 3. [ ] / [ ]		environment / Harmful Effects of Soil Erosion Rain/Water: 1. 2. 3. / 1. 2. 3. Wind/Air: 1. 2. 3. / 1. 2. 3. Human Activities: 1. 2. 3. / 1. 2. 3.
F. Developing mastery (Leads to Formative Assessment 3)	As soon as you have completed the assigned task, gather all your used materials and go back to your classroom to finalize your output for posting and reporting.	. As soon as you have completed the assigned task, gather all your used materials and go back to your classroom to finalize your output for posting and reporting	As soon as you have completed the assigned task, gather all your used materials and finalize your output for posting and reporting	.
G. Finding practical applications of concepts and skills in daily living	Now that you have learned the harmful effects of soil erosion to living things and environment, how would you show your concern to our environment? What are the things you can do to show love and concern to your environment?			
H. Making generalizations and abstractions about the lesson	Remember These: Erosion is the wearing away of soil by wind, water, gravity, or human impact. It occurs naturally but can be made worse by human activities such as farming, logging, and mining. The most common type of erosion happens when soil is washed off a slope by rainwater. ht. Refer to Lm	Remember These: Wind erosion occurs in susceptible areas of Ontario but represents a small percentage of land – mainly sandy and organic or muck soils. Under the right conditions it can cause major losses of soil and property (Figure 7). Refer to Lm	Remember These: Human activity on and around the earth's surface whether it is in your backyard or down the park are known to cause erosion 10 times more than naturally occurring processes. Human life has been the number on cause of erosion dating back to the first millennium. Agriculture and construction are the 2 ways in which humans cause erosion. Construction when unnecessarily conducted can be quite damaging to soil and dirt. Vegetation and agriculture are also 2 human causes of erosion because humans move the top soil and make it prone to erosion.	Remember These: Soil erosion impacts the agricultural industry as well as the natural environment. The effects of soil erosion can be felt both on-site, meaning at the site of soil disruption, or off-site, meaning the location where the eroded soil deposits. Let's start by building our understanding of the impact of soil erosion on-site. When the topsoil is eroded from an area, that area loses its most nutrient-rich layer, and therefore soil quality is reduced. Refer to Lm

I. Evaluating learning				E.Evaluation Fill in the box with the correct answer. 1.the wearing away of soil or the transferring of soil from place to place 2. 3. 4. causes of soil erosion 5.-6 Give two ways to prevent soil erosion caused by rain/water. 7-8 Give two ways to prevent soil erosion caused by wind/air. 9-10. Give two ways to prevent soil erosion caused by human activities	
J. Additional activities for application or remediation				IV.Assignment Cut and paste 5 pictures on how to prevent soil erosion.	
V. REMARKS					
VI. REFLECTION					
A. No. of learners who earned 80% in the evaluation					
B. No. of learners who require additional activities for remediation who scored below 80%					
C. Did the remedial lessons work? No. of learners who have caught up with the lesson					
D. No. of learners who continue to require remediation					
E. Which of my teaching strategies worked well? Why did these work?					
F. What difficulties did I encounter which my principal or supervisor can help me solve?					
G. What innovation or localized materials did I use/discover which I wish to share with other teachers?					