GRADES 1 to 12 DAILY LESSON LOG	School:	DepEdClub.com	Grade Level:	VI
	Teacher:		Learning Area:	SCIENCE
	Teaching Dates and Time:	MARCH 18 – 22, 2024 (WEEK 8)	Quarter:	3RD QUARTER

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
I. OBJECTIVES					
A. Content Standards	The learners demonstrate gravity and friction affect movement objects and how energy is transformed in simple machines	The learners demonstrate gravity and friction affect movement objects and how energy is transformed in simple machines	How energy is transformed in simple machines	The learners demonstrate understanding of the uses of simple machines (pulley and screw	
B. Performance Standards	The learners should be able to produce an advertisement , demonstrate road safety, create a marketing strategy for a new product on electrical, create a marketing strategy for a new product on electrical or light efficiency	The learners should be able to produce an advertisement , demonstrate road safety, create a marketing strategy for a new product on electrical, create a marketing strategy for a new product on electrical or light efficiency	Create a marketing strategy for a new product or light efficiency	The learners should be able to manipulate simple machines to describe their characteristics and uses.	
C. Learning Competencies/Objectives	Manipulate simple machines to describe their characteristics and uses. ***(S6FE-IIIg-i-3)*** *List the different uses of wheel and axle *Tell the different uses of wheel and axle *Appreciate the importance of uses of wheel and axle	Manipulate simple machines to describe their characteristics and uses. ***(S6FE-IIIg-i-3)*** *List the different uses of inclined plane *Tell the different uses of inclined plane *Appreciate the importance of uses of inclined plane Uses of Inclined Plane	List the different uses of wedge and lever. ***S6FE –IIIg-I - 3*** Act out the use of wedge in the different situation given in the activity. Be careful in using wedge and lever	List the different uses of pulley and screw. Investigate the different uses of pulley and screw. Appreciate the importance of the different uses of pulley and screw in our daily living. ***S6FE-IIIg-i-3***	Weekly Test 1.Administering test questions correctly 2. Administering of weekly test in Science 6 3. Setting of Standards 4. Test Proper 5. Checking of Test Results
II. CONTENT / TOPIC	**Uses of Wheel and Axle**	**Uses of Inclined Plane**	**Uses of wedge and lever**	**Uses of simple machines (pulley and screw)**	
III. LEARNING RESOURCES					
A. References					
1. Teacher's Guide pages					

2. Learner's Materials pages					
3. Textbook pages			The New Science Link pp.359-360	*Explore and Experience Science 6 pp.276-278 pp.286-288* *The Science Connection 5 pp.182-183 pp.190-192* *Science Links 6 pp.234-235*	
4. Additional materials from LRMDS portal					
B. Other Materials					
IV. PROCEDURES					
A. Reviewing previous lesson or presenting the new lesson	The teacher asks about the part of the activity the students performed the other day.	Thumbs up or down. The teacher shows pictures of various objects then pupils will show thumbs up if it shows uses of wheel and axle and thumbs down if not.	Show a video using wedge and lever.	Choose the best class of lever to use when lifting or moving the following loads.Put a check mark (/) inside the box. See pp.271-Explore and Experience6	
B. Establishing a purpose for the lesson	The teacher asks about students' prior idea about wheel and axle. Original File Submitted and Formatted by DepEd Club Member - visit depedclub.com for more	What do you know about inclined plane?	What was the video all about? Have you experienced the same situation just what have you seen in the video? What if the man in the video did not use a bolo in cutting the branches of the tree? You will answer that through your activity.	If you lift an object to a tall building, How will you do it?	
C. Presenting examples/ instances of the new lesson	Watch the video clip https://youtu.be/avacJJsI80M Do the following Activities Group 1- Jingle about the uses of Wheel and axle Group 2- Rap about the uses of Wheel and axle Group 3- Act-out about the uses of Wheel and axle Group 4- Song about the uses of Wheel and axle Group 5- Poem about the uses of Wheel and axle	Watch the video clip https://youtu.be/E_ErI0QjNos Do the following Activities Group 1- Jingle about the uses of Inclined Plane Group 2- Rap about the uses of Inclined Plane Group 3- Act-out about the uses of Inclined Plane Group 4- Song about the uses of Inclined Plane Group 5- Poem about the uses of Inclined Plane	The teacher will give a different situation where the children will select the right simple machine to be used.	Show a video presentation What did you observe in the video? What are the activities uses pulley? What other simple machines did you observe? How is screw useful in the video? Do you think screw is useful in our daily living to make our work easier?	

D. Discussing new concepts and practicing new skills #1	Pupils present their output on the activity. The teacher will give feedback about the result.	Pupils present their output on the activity. The teacher will give feedback about the result.	Giving standards in doing activity? Group activity.	GROUP ACTIVITY (see attach activity sheet) GROUP PRESENTATION	
E. Discussing new concepts and practicing new skills #2			Presentation of activity.	What are the simple machines? How simple machines do makes work easier and faster? How are simple machines used in everyday life? What are activities uses pulley? How pulley is makes work easier? How can you use pulley to help you in the school? Building? What are the two types of pulley? What is the difference between fixed and movable pulley? How screw useful in our daily living? Cite some examples of srew that you see in your home.	
F. Developing mastery (leads to formative assessment)			• Based from the activity, what are the use of the first order lever? second order lever? third order lever? • How beneficial it is in our daily living? • Why is it important to keep them in its proper place? • Can we make our work easier without the use of the different levers we learned today?		
G. Finding practical applications of concepts and skills in daily living	Tell what is in the picture and give its uses: 	Tell what is in the picture and relate this to your own experiences: 	Directions: Act out the correct wedge to be used in the different situation given below (using only an improvised simple machine made from a hard board for the safety of the children) . You are only given 2	Suppose you see a lady driver with a flat tire on the side of the road. What would you do? What tool would you lend her?	

	  	 	minutes only to perform the given activity. Group Activity: I – Your father wanted to chop the wood to be used by your mother in cooking.(axe) II – A brother of your friend will cut the plywood for the project in wood working. He is going to make a tool box (rip saw) III – Your mother is going to slice the ingredients in her chicken adobo.(knife) IV – your sister wanted to eat an apple.		
H. Making generalization and abstraction about the lesson	What are the uses of Wheel and Axle?	What are the uses of Inclined Plane?	What are the use of wedge and lever?	What are the different uses of pulley and screw?	
I. Evaluating learning	Answer the following questions: 1. Wheel and axle refers to the assembly formed by two discs of different diameter mounted so that they rotate together around the same axis. What is the use of this? I. Use to hold an object in place II. Use to wrapped a cylinder III. Use for raising weights IVFor raising water buckets from wells a. I & II b. II & III c. III& II d. III & IV 2. In wheel and axle how do the radius affect the axle? a. The same b. Bigger c. Smaller d. Nothing 3. Which of the following supports the axle in allowing rotation?	Answer the following questions: 1. Which of the following is the use of inclined plane? a. It lessens the effort exerted in transporting weight over a distance and height b. To lift an object easier by changing the direction of the effort force c. To deliver a person from high area to low area d. To deliver a person from low area to high area 2. How does an inclined plane help in transporting a load from a higher place? a. If the length of the plane is 30 cm and the height of plane 50 cm b. If the length of the plane is 50 cm and the height is 30 cm c. If the height of the plane is 70 cm and the height of the plane is 30 cm	Directions: List the different use of lever and wedge by writing the correct answer only in a given situation. A. 1. Your sister will about to finish her short. It's only one thing missing to finish it. What will she use to finish her short? a. zipper b. scissors c. knife d. none of the above 2. The grade six pupils will cut their wood in making their dust pan holder. What are they going to use? a. saw b. knife c. wheel barrow d. axe	A. Choose the letter of the correct answer. 1. Which of the following is not a simple machine? a. screw b. lever c. pulley d. board 2. Which of the following makes use of the ptinciple of the screw? a. pencil sharpener b. scissors c. knife d. auto jack 3. It consists of an inclined plane wrapped around a pole or cylinder. a. friction b. wheel and axle c. screw d. pulley	

	a. Hinge b. Socket c. Pulley d. Wedge 4. Which of the following devices uses the wheel and axle? a. Belt driver b. Flag pole c. Wheel barrow d. Tweezers 5. How the mechanical advantage of a wheel and axle equal to the radius of the wheel and the radius of the axle a. Adding b. Subtracting c. Multiplying d. Dividing	d. If the height of the plane is 70 cm and the height is 30 cm 3. Why do you need to use an inclined plane? a. It lessens the time used in certain thing b. It lessens the effort over a distance c. It lessens the resistance exerted over a place d. It can be used to lift cars. 4. Which of the following are the ways of transporting the toy car in a 1 foot height pile of books on the table? I.by lifting II. by rolling on the inclined plane III. by using a spring scale a. I & II b. I & III c. II & III d. I, II, III 5. If your father who is sick needs a wheelchair and a wheelchair ramps what is the use of this? a. To go places where they want to go b. To lessen their effort c. To get over obstacle without exceeding their strength d. To feel comfortable and satisfaction in using this 6. The inclined plane is a flat supporting surface tilted at an angle. Which of the following statements is true? a. The effort applied is greater than the distance b. The lesser angle machine the longer the distance and the lesser the effort needed c. The greater the effort applied the longer the distance d. All of the above	3. Gina wants to eat hotcake, but it is very hot. What will she use to put the hotcake on her plate and eat it? a. spoon b. hammer c. food tong d. scissors 4. To attach the plywood in making the door, what will you use to do it? a. saw b. knife c. wheel barrow d. nail 5. Mang Ambo will open a buko for his son. What will he use to open it? a. saw b. bolo c. wheel barrow d. nail B. List the use of lever and wedge by writing the correct answer only. 6. A carjack works on the principle of _____ a. overcoming a large force with a large force b. reducing the weight of an object c. increasing the time taken to do a job d. overcoming a large force with a smaller force 7. What is the use of the wheel barrow? a. to move a load b. exert a large force over a small distance c. exert only small distanceat one end by exerting only a small	4. It is a combination of two inclined planes put back-to-back. a. inclined plane b. ramp c. wedge d. pulley 5. A knife is an example of this kind of simple machine. a. inclined plane b. rope c. wedge d. pulley B. Write T if the statement is true and F if the statement is false. __6.Apencil sharpener is a kind of pulley ___7.The flag is raised and lowered with a pulley. ___8.Work is made easier with the help of machine. ____9.Anail is an example of a wedge. ____10.Acar is an example of an inclined plane.	

		7. Inclined is important to us because it helps our work easier and faster. Which of the following belongs to inclined plane? a. Axe and blade b. Wheel barrow and bottle opener c. Ramp slope d. Bicycle, gears, doorknob 8. Inclined is a simple machine that is useful to people because of the following: a. Use and raising and lowering load b. To lessen the effort exerted over a distance c. A only d. A and B 9. Inclined plane is widely used, why do you say so? a. It can move heavy objects b. For raising and lowering a load c. To get over obstacle without their strength d. All of the above 10. You wanted to carry a sack of rice using a inclined plane, which illustration will you use. a. b. c. d.	force over a greater distance at the other d. a and c 8. What is the use of our teeth? I. cutting and grinding II. cutting and splitting food III. cutting and tightening food IV. separate the food a. I only b. II only c. I and III d. I and IV 9. What is the use of an axe? a. to cut the wood into pieces b. to fasten two object like wood in making the wall in the house c. to gather any materials to lighten the work d. to cut the union in the kitchen 10. What is the use of hammer? a. to cut the wood into pieces b. to fasten two object like wood in making the wall in the house c. to gather any materials to lighten the work d. to remove the nail from a wood.		
J. Additional activities for application / remediation			List other uses of wedge and lever.		
V. REMARKS					
VI. REFLECTION					
A. No. of learners who earned 80% in the evaluation					

B. No. of learners who require additional activities for remediation					
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 this work ?					
F. What difficulties did 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 ?					