










GRADES 1 to 12
DAILY LESSON LOG

School: **DepEdClub.com**
Teacher:
Teaching Dates and Time: **APRIL 3-7, 2023 (WEEK 8)**

Grade Level: **VI**
Learning Area: **SCIENCE**
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		Maundy Thursday	Good Friday
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			
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			
II. CONTENT / TOPIC	Uses of Wheel and Axle	Uses of Inclined Plane			
III. LEARNING RESOURCES					
A. References					

1. Teacher's Guide pages					
2. Learner's Materials pages					
3. Textbook pages					
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.			
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?			
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_ErIQjNos 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			
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.			
E. Discussing new concepts and practicing new skills #2					
F. Developing mastery (leads to formative assessment)					

<p>G. Finding practical applications of concepts and skills in daily living</p>	<p>Tell what is in the picture and give its uses:</p>    	<p>Tell what is in the picture and relate this to your own experiences:</p>   			
<p>H. Making generalization and abstraction about the lesson</p>	<p>What are the uses of Wheel and Axle?</p>	<p>What are the uses of Inclined Plane?</p>			
<p>I. Evaluating learning</p>	<p>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</p> <p>a. I & II b. II & III c. III& II d. III & IV</p>	<p>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</p>			

	<p>2. In wheel and axle how do the radius affect the axle?</p> <ul style="list-style-type: none">a. The sameb. Biggerc. Smallerd. Nothing <p>3. Which of the following supports the axle in allowing rotation?</p> <ul style="list-style-type: none">a. Hingeb. Socketc. Pulleyd. Wedge <p>4. Which of the following devices uses the wheel and axle?</p> <ul style="list-style-type: none">a. Belt driverb. Flag polec. Wheel barrowd. Tweezers <p>5. How the mechanical advantage of a wheel and axle equal to the radius of the wheel and the radius of the axle</p> <ul style="list-style-type: none">a. Addingb. Subtractingc. Multiplyingd. Dividing	<p>2. How does an inclined plane help in transporting a load from a higher place?</p> <ul style="list-style-type: none">a. If the length of the plane is 30 cm and the height of plane 50 cmb. If the length of the plane is 50 cm and the height is 30 cmc. If the height of the plane is 70 cm and the height of the plane is 30 cmd. If the height of the plane is 70 cm and the height is 30 cm <p>3. Why do you need to use an inclined plane?</p> <ul style="list-style-type: none">a. It lessens the time used in certain thingb. It lessens the effort over a distancec. It lessens the resistance exerted over a placed. It can be used to lift cars. <p>4. Which of the following are the ways of transporting the toy car in a 1 foot height pile of books on the table?</p> <ul style="list-style-type: none">I.by liftingII. by rolling on the inclined planeIII. by using a spring scale <ul style="list-style-type: none">a. I & IIb. I & IIIc. II & IIId. I, II, III <p>5. If your father who is sick needs a wheelchair and a wheelchair ramps what is the use of this?</p> <ul style="list-style-type: none">a. To go places where they want to gob. To lessen their effortc. To get over obstacle without exceeding their strengthd. To feel comfortable and satisfaction in using this <p>6. The inclined plane is a flat supporting surface tilted at an</p>			
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		<p>angle. Which of the following statements is true?</p> <p>a. The effort applied is greater than the distance</p> <p>b. The lesser angle machine the longer the distance and the lesser the effort needed</p> <p>c. The greater the effort applied the longer the distance</p> <p>d. All of the above</p> <p>7. Inclined is important to us because it helps our work easier and faster. Which of the following belongs to inclined plane?</p> <p>a. Axe and blade</p> <p>b. Wheel barrow and bottle opener</p> <p>c. Ramp slope</p> <p>d. Bicycle, gears, doorknob</p> <p>8. Inclined is a simple machine that is useful to people because of the following:</p> <p>a. Use and raising and lowering load</p> <p>b. To lessen the effort exerted over a distance</p> <p>c. A only</p> <p>d. A and B</p> <p>9. Inclined plane is widely used, why do you say so?</p> <p>a. It can move heavy objects</p> <p>b. For raising and lowering a load</p> <p>c. To get over obstacle without their strength</p> <p>d. All of the above</p> <p>10. You wanted to carry a sack of rice using a inclined plane, which illustration will you use.</p> <p>a.</p> <p>b.</p> <p>c.</p> <p>d.</p>			
J. Additional activities for application / remediation					

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 ?					