



**GRADES 1 to 12  
DAILY LESSON LOG**

<b>School:</b>		<b>Grade Level:</b>	<b>VI</b>
<b>Teacher:</b>	<i>Credits to the File Creator</i>	<b>Learning Area:</b>	<b>SCIENCE</b>
<b>Teaching Dates and Time:</b>	<b>APRIL 3-5, 2023 (WEEK 8)</b>	<b>Quarter:</b>	<b>3<sup>RD</sup> QUARTER</b>

<b>I. OBJECTIVES</b>	<b>MONDAY</b>	<b>TUESDAY</b>	<b>WEDNESDAY</b>	<b>THURSDAY</b>	<b>FRIDAY</b>
A. Content Standards	The learners demonstrate gravity and friction affect movement objects and how energy is transformed in simple machines				
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				
C. Learning Competencies/Objectives	Manipulate simple machines to describe their characteristics and uses. (S6FE-IIIg-i-3)  Demonstrate how wheel and axle works	Manipulate simple machines to describe their characteristics and uses. (S6FE-IIIg-i-3)  Demonstrate how an inclined plane works	Manipulate simple machines to describe their characteristics and uses. (S6FE-IIIg-i-3)  Demonstrate how a pulley works		
II. CONTENT / TOPIC	<b>Simple Machines WHEEL AND AXLE</b>	<b>Simple Machines INCLINED PLANE</b>	<b>Simple Machines PULLEY</b>		
III. LEARNING RESOURCES					
A. References					
1. Teacher's Guide pages					
2. Learner's Materials pages					
3. Textbook pages	Science Links pp. 362-363				
4. Additional materials from LRMDS portal					
B. Other Materials	K'NEx Education teacher's guide		Science Links 6 pp. 367-369		
IV. PROCEDURES					
A. Reviewing previous lesson or presenting the new lesson	Ask: What do a bicycle; skateboard, stroller, wheelchair, and car have in common?	<b>Teacher's Instruction</b> <i>Classroom Discussion.</i> The students will share their reflection and insights about the previous lesson.	Concept Mapping by giving example of uses of lever.		
B. Establishing a purpose for the lesson		<b>Question of the day:</b>  Compare the following pictures. Which will make lifting easier? Why?	<b>Question of the day:</b>  Have you noticed how the flag is being raised during a flag ceremony?		

<p>C. Presenting examples/ instances of the new lesson</p>	<p>Please refer to Activity Sheet 7.9</p>	<p><b>Teacher's Instruction</b></p> <p>Solicit ideas of the pupil's about inclined plane by using the KWL chart. Answer the first two columns of the chart: What you Know? And What you Want to know more?</p>  <p>Topic: Inclined Plane</p> <table border="1" data-bbox="867 776 1258 1105"> <thead> <tr> <th data-bbox="867 776 1031 972">What you KNOW?</th> <th data-bbox="1031 776 1148 972">What you WANT to know more?</th> <th data-bbox="1148 776 1258 972">What You have LEARNED</th> </tr> </thead> <tbody> <tr> <td data-bbox="867 972 1031 1105">Inclined Plane</td> <td data-bbox="1031 972 1148 1105"></td> <td data-bbox="1148 972 1258 1105"></td> </tr> </tbody> </table>	What you KNOW?	What you WANT to know more?	What You have LEARNED	Inclined Plane			<p><b>Teacher's Instruction</b></p> <p>Activity 4.4 Investigating Pulleys</p>		
What you KNOW?	What you WANT to know more?	What You have LEARNED									
Inclined Plane											
<p>D. Discussing new concepts and practicing new skills #1</p>		<p>Let the pupils perform the activity "to be so inclined"</p>	<p>Teacher's Instruction The teacher should identify the uses of pulley.</p>								
<p>E. Discussing new concepts and practicing new skills #2</p>											
<p>F. Developing mastery (leads to formative assessment )</p>											
<p>G. Finding practical applications of concepts and skills in daily living</p>	<p>You want to increase the speed of the bucket used for getting water in the well. What will you? Illustrate your answer.</p>	<p>What can you say about the stairs for Person's with disabilities? What do you think is the reason why it is built like that?</p>	<p>What are the different simple machines and how do they help you in your daily activities?</p>								

H. Making generalization and abstraction about the lesson	1. Which is the wheel and axle in the model? 2. How does the wheel and axle work? 3. How does counterweight work when the freight goes up and down? 4. How do the wheels cause movement?	<b>Teacher's Instruction</b> <i>Concept Hat.</i> The teacher will ask the pupils to write their final concept and ideas on the cards/sheet of papers and place it on a paper hat. Pupils share their concept/learning and wears the hat.	<b>Teacher's Instruction</b> The teacher's ask the students what they have learned and write it on the board.																																																																																																						
I. Evaluating learning	QUIZ NO. 23 / SIMPLE MACHINES	<b>Teacher's Instruction</b> <i>KWL chart.</i> Let the students answer the last column of the chart or what you have learned?	QUIZ NO. 23 / SIMPLE MACHINES																																																																																																						
J. Additional activities for application / remediation	How does wheel and axle make work easier? Give concrete examples.																																																																																																								
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C. Did the remedial lessons work ? No. of learners who have caught up with the lesson	_____Yes _____No _____ of Learners who caught up the lesson	_____Yes _____No _____ of Learners who caught up the lesson	_____Yes _____No _____ of Learners who caught up the lesson	_____Yes _____No _____ of Learners who caught up the lesson	_____Yes _____No _____ of Learners who caught up the lesson																																																																																																				

D. No. of learners who continue to require remediation	_____ of Learners who continue to require remediation	_____ of Learners who continue to require remediation	_____ of Learners who continue to require remediation	_____ of Learners who continue to require remediation	_____ of Learners who continue to require remediation
<p>E. Which of my teaching strategies worked well ? Why did this work ?</p>	<p><i>Strategies used that work well:</i>            ___ Socratic Questioning            ___ Game-Based Learning            ___ Interactive Lecture Demonstrations            The activity can be a classroom experiment, a survey, a simulation or an analysis of secondary data.            ___ Cooperative Learning            ___ Jigsaws            ___ Gallery Walks            ___ Fieldtrips            ___ Making notes from book            ___ Use of internet/audio visual presentation            ___ Text books            ___ Investigations            ___ Models            ___ Demonstrations  <i>Other Techniques and Strategies used:</i>            ___ Manipulative Tools            ___ Pair Work            ___ Explicit Teaching            ___ Group collaboration            ___ Carousel            ___ Diads            ___ Differentiated Instruction            ___ Discovery Method            ___ Lecture Method  <i>Why?</i>            ___ Complete IMs            ___ 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<p>F. What difficulties did my principal or supervisor can help me solve ?</p>	<p>__ Bullying among pupils          __ Pupils' behavior/attitude          __ Colorful IMs          __ Unavailable Technology Equipment (AVR/LCD)          __ Science/ Computer/ Internet Lab          __ Additional Clerical works</p>	<p>__ Bullying among pupils          __ Pupils' behavior/attitude          __ Colorful IMs          __ Unavailable Technology Equipment (AVR/LCD)          __ Science/ Computer/ Internet Lab          __ Additional Clerical works</p>	<p>__ Bullying among pupils          __ Pupils' behavior/attitude          __ Colorful IMs          __ Unavailable Technology Equipment (AVR/LCD)          __ Science/ Computer/ Internet Lab          __ Additional Clerical works</p>	<p>__ Bullying among pupils          __ Pupils' behavior/attitude          __ Colorful IMs          __ Unavailable Technology Equipment (AVR/LCD)          __ Science/ Computer/ Internet Lab          __ Additional Clerical works</p>	<p>__ Bullying among pupils          __ Pupils' behavior/attitude          __ Colorful IMs          __ Unavailable Technology Equipment (AVR/LCD)          __ Science/ Computer/ Internet Lab          __ Additional Clerical works</p>
<p>G. What innovation or localized materials did I use/discover which I wish to share with other teachers ?</p>	<p><i>Planned Innovations:</i>          __ Contextualized/ Localized and Indigenized IM's          __ Localized Videos          __ Making big books from views of the locality          __ Recycling of plastics to be used as Instructional Materials          __ local poetical composition</p>	<p><i>Planned Innovations:</i>          __ Contextualized/ Localized and Indigenized IM's          __ Localized Videos          __ Making big books from views of the locality          __ Recycling of plastics to be used as Instructional Materials          __ local poetical composition</p>	<p><i>Planned Innovations:</i>          __ Contextualized/ Localized and Indigenized IM's          __ Localized Videos          __ Making big books from views of the locality          __ Recycling of plastics to be used as Instructional Materials          __ local poetical composition</p>	<p><i>Planned Innovations:</i>          __ Contextualized/ Localized and Indigenized IM's          __ Localized Videos          __ Making big books from views of the locality          __ Recycling of plastics to be used as Instructional Materials          __ local poetical composition</p>	<p><i>Planned Innovations:</i>          __ Contextualized/ Localized and Indigenized IM's          __ Localized Videos          __ Making big books from views of the locality          __ Recycling of plastics to be used as Instructional Materials          __ local poetical composition</p>