



## Lesson Exemplar for TLE

Quarter 4 Lesson 8

IMPLEMENTATION OF THE MATATAG K TO 10 CURRICULUM



## Lesson Exemplar for TLE Grade 7 Quarter 4: Lesson 8 (Week 8) SY 2024-2025

This material is intended exclusively for teachers participating in the implementation of the MATATAG K to 10 Curriculum during the School Year 2024-2025. It aims to assist in delivering the curriculum content, standards, and lesson competencies. Any unauthorized reproduction, distribution, modification, or utilization of this material beyond the designated scope is strictly prohibited and may result in appropriate legal actions and disciplinary measures.

Their respective copyright holders own borrowed content included in this material. Every effort has been made to locate and obtain permission to use these materials from their respective copyright owners. The publisher and development team do not represent nor claim ownership over them.

| Development Team  |  |  |  |  |  |
|---|--|--|--|--|--|
| <ul><li>Writer:</li><li>Joan M. Daco (Vicente P. Trinidad National High School)</li></ul>                                 |  |  |  |  |  |
| <ul> <li>Validator:</li> <li>Victor S. Rosales, PhD (Mindanao State University-Iligan Institute of Technology)</li> </ul> |  |  |  |  |  |
| Management Team   |  |  |  |  |  |
| Philippine Normal University<br>Research Institute for Teacher Quality<br>SiMERR National Research Centre                 |  |  |  |  |  |

Every care has been taken to ensure the accuracy of the information provided in this material. For inquiries or feedback, please write or call the Office of the Director of the Bureau of Learning Resources via telephone at (02) 8634-1072 and 8631-6922 or by email at blr.od@deped.gov.ph.

## TLE/ QUARTER 4 /GRADE 7

| Ι.  | CURRICULUM CON                             | TENT, STANDARDS, AND LESSON COMPETENCIES   |  |  |  |  |
|---|--|--|--|--|--|--|
| А.  | Content<br>Standards                       | Demonstrate an understanding of the concepts and principles in performing mensuration and calculation.   |  |  |  |  |
| В.  | Performance<br>Standards                   | e learners perform mensuration and calculations following safety precautions.  |  |  |  |  |
| C.  | Learning<br>Competencies and<br>Objectives | <ul> <li>Learning Competency:<br/>Demonstrate mensuration and calculations following safety precautions.</li> <li>Lesson Objectives: <ol> <li>Familiarize the different systems of measurement.</li> <li>Convert decimal numbers to fractions/ fractions to decimals.</li> <li>Convert Metric System measurements.</li> <li>Convert English System measurements.</li> <li>Convert Metric System measurements to English System and vice versa.</li> <li>Solve circuit problems using Ohm's Law and Power Law.</li> </ol> </li> </ul> |  |  |  |  |
| D. Content       • Mensuration and Calculation         • Systems of Measurement       • Conversions of Fraction to Decimal and Decimal to Fraction         • Conversion of System Measurement       • Ohm's Law         • Power Law       • Power Law |  | <ul> <li>Systems of Measurement</li> <li>Conversions of Fraction to Decimal and Decimal to Fraction</li> <li>Conversion of System Measurement</li> <li>Ohm's Law</li> </ul>  |  |  |  |  |
| E.  | Integration                                | SDG 9: Industry Innovation and Structures  |  |  |  |  |

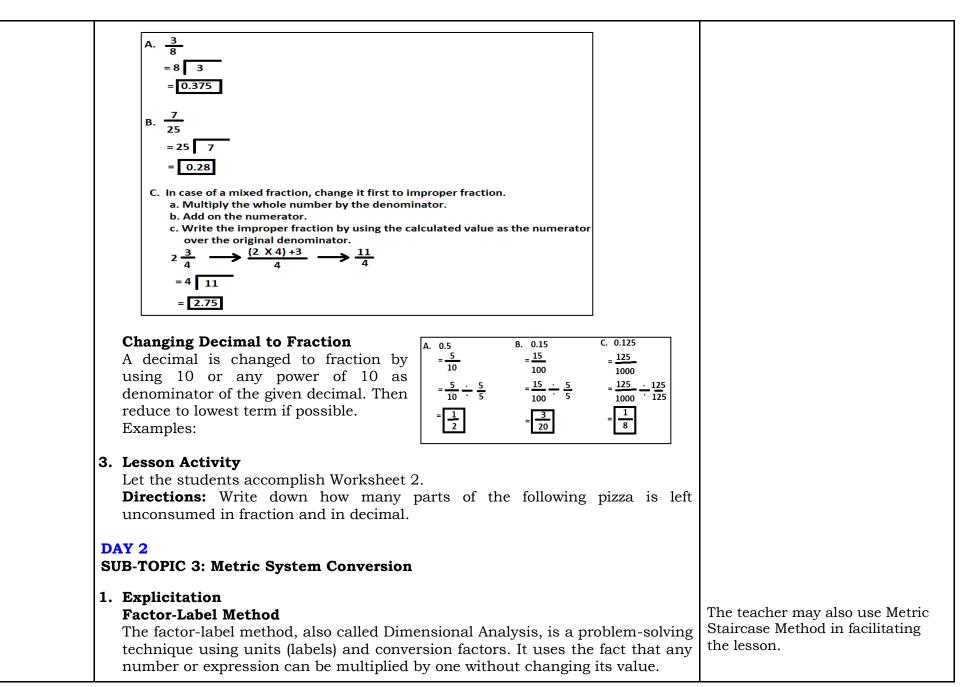
## II. LEARNING RESOURCES

| Definition of   | fraction.   | (2024,      | February            | 19). Merr           | iam-Webster:   | : America  | a's Most             | Trusted          | Dictionary.          | https://v   | www.merriam- |
|---|-------------|-------------|---------------------|---------------------|----------------|------------|----------------------|------------------|----------------------|-------------|--------------|
| webster.com   |             |             |                     |                     |                |            |                      |                  |                      |             |              |
| Electric power. (20   | 019, March  | n 21). BYJ  | IUS. <u>https:/</u> | <u>/byjus.com/j</u> | hysics/electr  | ric-power/ |                      |                  |                      |             |              |
| Math skills - Dim   | ensional ai | nalysis. (r | n.d.). Departi      | ment of Cher        | nistry   Texas | s A&M Univ | ersity. <u>htt</u> r | <u>os://www.</u> | <u>chem.tamu.edu</u> | u/class/fyp | /mathrev/mr- |
| <u>da.html</u>  |             |             |                     |                     |                |            |                      |                  |                      |             |              |
| Measurement   | De          | finition,   | types,              | instrumer           | ts, &          | facts.     | (1998,               | July             | 20). Ency            | vclopedia   | Britannica.  |
| https://www   | w.britannic | ca.com/te   | chnology/m          | easurement          |                |            |                      |                  |                      |             |              |
| System of measurement. (n.d.). Cuemath. <u>https://www.cuemath.com/measurement/system-of-measurement/</u> |             |             |                     |                     |                |            |                      |                  |                      |             |              |

| III. TEACHING AND I               | EARNING PROCEDURE  | NOTES TO TEACHERS   |
|-----------------------------------|--|---|
| A. Activating Prior<br>Knowledge  | <section-header><section-header><section-header><section-header><complex-block><complex-block><complex-block></complex-block></complex-block></complex-block></section-header></section-header></section-header></section-header>  | The teacher may also employ<br>comparing and contrasting.   |
| B. Establishing<br>Lesson Purpose | <ol> <li>Lesson Purpose         <ul> <li>Units of measurement   Why measurements matter?   The Dr Binocs show               Peekaboo Kidz. (2022, August 16). YouTube. <u>https://youtu.be/AVC-426M6V0?si=Rxhfc6sHAWB68uyB</u></li> </ul> </li> <li>Unlocking Content Vocabulary         <ul> <li>Measurement is the process of associating numbers with physical quantities and phenomena. It is fundamental to the sciences; to engineering construction, and other technical fields; and to almost all everyday activities.</li> </ul> </li> <li>Circuit path for transmitting electric current. An electric circuit includes a device that gives energy to the charged particles constituting the current, such as a battery or a generator; devices that use current, such</li> </ol> | The teacher could play the video<br>about the importance of<br>measurement and ask the<br>students their personal life<br>situations that involve<br>measurement.<br>The teacher may add other words<br>that would help unlock unfamiliar<br>words. |

|                            | <ul> <li>as lamps, electric motors, or computers; and the connecting wires or transmission lines.</li> <li>3. Current is the rate at which electric charge flows through a surface or a circuit. Current is measured in Amperes.</li> <li>4. Voltage is the pressure from an electric source that pushes the electrons to flow. Voltage is measured in Volts.</li> <li>5. Resistance is the opposition to the flow of current in an electrical circuit. The unit of measurement of resistance is Ohms (Ω).</li> <li>6. Power is the rate at which electrical energy is transferred or transformed by an electric circuit. It is a measure of how much work is done or energy is used in a span of time. Power is measured in Watts.</li> </ul> |
|----------------------------|--|
| C. Developing and          | SUB-TOPIC 1: SYSTEMS OF MEASUREMENT  |
| Deepening<br>Understanding | <ol> <li>Explicitation         Measurement systems are a collection of units of measurement and rules relating them to each other. The word "measurement" is derived from the Greek word "metron," which means a limited proportion. It is used to associate physical quantities and phenomena.     </li> <li>Worked Example         The teacher will discuss the two systems of measurement and their linear units of measurement and abbreviations.     </li> </ol>  |
|                            | The <b>Metric system</b> is a decimal-based system of measurement. The current international standard for the metric system is the International System of Units (Système international d'unités or SI), in which all units can be expressed in terms of seven base units: the meter, kilogram, second, ampere, kelvin, mole, and candela. <b>UNITS OF LINEAR MEASUREMENTS</b>   |
|                            | Symbol Unit 1mm 3mm 5mm 7mm 9mm  |
|                            | $\begin{array}{ c c c c c c }\hline mm & Millimeter \\ \hline cm & Centimeter \\ \hline \end{array} \qquad \qquad$   |
|                            | dm Decimeter   |
|                            | m Meter <b>T T T T</b>   |
|                            | dam Decameter  |
|                            | hm Hectometer<br>km Kilometer  |
|                            |  |
|                            |  |

| The <b>English system</b> of measurement is used in medieval<br>England which evolved from the Anglo-Saxon and Roman<br>systems. The basic units for length or distance<br>measurements in the English system are the inch, foot,<br>yard, and mile.   |   |
|--|---|
| In English system, the inch is divided into 16 graduations and the smallest graduation is read as 1/16 inch.<br>$0^{1/16} \xrightarrow{3/16} \xrightarrow{5/16} \xrightarrow{7/16} \xrightarrow{9/16} \xrightarrow{11/16} \xrightarrow{13/16} \xrightarrow{15/16} 1$ |   |
| <ul> <li>3. Lesson Activity         Let the students accomplish Worksheet No. 1         Directions: Color the balloons with Metric System units YELLOW and ORANGE for English System units.     </li> </ul>  |   |
| SUB-TOPIC 2: Conversion Of Fraction and Decimal  |   |
| <ol> <li>Explicitation         Fraction is a numerical representation that indicates the quotient of two numbers. It represents a part of a whole or, more generally, any number of equal parts. A fraction has two parts:             <ul></ul></li></ol>   | The teacher may show saved video<br>about conversion of fraction to<br>decimal and vice versa. It is also<br>encouraged to do group and<br>individual activities and giving the<br>students more problems to solve. |
| <ul><li>b. Denominator: It is the bottom part that represents the total parts in which<br/>the fraction is divided.</li></ul>  | The teacher may use this OER link to supplement the lesson.   |
| Decimal is a type of of number that consists of a whole number and a fractional part separated by a decimal point.   | Reed, A. (n.d.). Fundamental laws<br>of algebra. Wisc-Online<br>OER. <u>https://www.wisc-</u>   |
| <ul> <li>Worked Example</li> <li>Changing Fractions to Decimals</li> <li>Any rational number can be changed from fraction to decimal. This is done by simply dividing the numerator by the denominator.</li> <li>Example:</li> </ul>   | online.com/learn/mathematics2/<br>algebra/gem704/fundamental-<br>laws-of-algebra  |



|                             | LINEAR METRIC SV             | STEM UNITS EQUIVALENT  | н | elpful OER links for teachers to                                |
|-----------------------------|------------------------------|--|---|---|
|                             |                              | nm) = 1 centimeter (cm)  |   | se.   |
|                             | · · · · ·                    | cm) = 1 decimeter (dm)   | • | Dahche, N. (n.d.). How to                                       |
|                             |                              | (dm) = 1 meter (m)   |   | convert from one unit to another<br>in the metric system. Wisc- |
|                             |                              | = 1 decameter (Dam)  |   | Online OER. <u>https://www.wisc-</u>                            |
|                             |                              | m) = 1 hectometer (hm)   |   | online.com/learn/mathematics2<br>/essentials/abm4402/how-to-    |
|                             | 10 hectometer (h             | nm) = 1 kilometer (km)   |   | convert-from-one-unit-to-                                       |
|                             |                              | · · · · · · · · · · · · · · · · · · ·  | • | <u>another-in-th</u><br>Dahche, N. (n.d.). <i>Measuring</i>     |
| 2. Worked Exa<br>Sample Pro | -                            | 1 meter X 10 decimeter X 10 centimeter X 10 millimeters<br>1 meter 1 decimeter X 10 centimeter |   | length in the metric system.<br>Wisc-Online                     |
| Sample 110                  |                              | 1 meter X 10 decimeter X 10 centimeter X 10 millimeters  |   | OER. <u>https://www.wisc-</u>                                   |
|                             | ny millimeters are in 1      | 1 meter 1 decimeter 1 centimeter   |   | online.com/learn/mathematics2<br>/essentials/abm13120/measuri   |
| meter?                      |                              | 1 X 10 X 10 X 10 millimeters   |   | ng-length-in-the-metric-system                                  |
|                             |                              | 1,000 millimeters  |   |   |
|                             |                              | <u>10 Dam X 10 m X 10 dm X 10 cm</u>   | 1 |   |
|                             |                              | 1 Dam 1 m 1 dm   |   |   |
| 2. How many decameters      | v centimeters are in 25<br>? | <u>10 Dava</u> X <u>10 ha</u> X <u>10 dha</u> X <u>10 cm</u><br>1 Dava 1 ha 1 dha              |   |   |
|                             |                              | 10 X 10 X 10 X 10 cm   |   |   |
|                             |                              | 10, 000 cm   |   |   |
| 3. How man<br>centimeters   | y meters is in 1,000         | 1,000 cm X <u>1 dm</u> X <u>1 m</u><br>10 cm 10 dm   |   |   |
|                             |                              | 1,000 čna X <u>1 čhan</u> X <u>1 m</u><br>10 čna 10 čna  |   |   |
|                             |                              | $1,000 \times \frac{1}{10} \times \frac{1}{10}$  |   |   |
|                             |                              | <u>1,000 m</u><br>100  |   |   |
|                             |                              | 10 m   |   |   |
|                             |                              |  |   |   |

| 4. How many meters are in 4,000<br>millimeters?<br>4,000 mm $\times \frac{1 \text{ cm}}{10 \text{ mm}} \times \frac{1 \text{ dm}}{10 \text{ cm}} \times \frac{1 \text{ m}}{10 \text{ dm}}$<br>4,000 mm $\times \frac{1 \text{ cm}}{10 \text{ mm}} \times \frac{1 \text{ dm}}{10 \text{ cm}} \times \frac{1 \text{ m}}{10 \text{ dm}}$<br>$\frac{4,000 \text{ m}}{1,000}$<br>$\frac{4}{1000}$   |   |
|--|---|
| <ul> <li>3. Lesson Activity Let the students accomplish Worksheet 3. Direction: Complete the table by converting the given units.</li> <li>SUB-TOPIC 4: English System Conversion <ol> <li>Explicitation How do you convert measurements in English System?</li> </ol> </li> <li>2. Worked Example LINEAR ENGLISH SYSTEM UNITS EQUIVALENT  12 inches = 1 foot 3 feet = 1 yard  1,760 yards = 1 mile Sample Problems: 4 feet × 12 inches  1 foot  4 × 12 inches  60 × d × 3 ft  60 × 3 ft  60 × 3 ft  360 in × 1 ft  360 in × 1</li></ul> | The teacher may use a ruler to present sample problems. |
| 48 inches       180 ft       10 yd         1. How many inches are in 4 feet?       2. How many feet are in 60 yards?       3. How many yards are in 360 inches?  |   |

| SUB-TOPIC 5: Metric System to English System Conversi<br>to Metric System Conversion   | ion / English System  |
|--|---|
| . Explicitation  |   |
| Metric System to English System Conversio1 millimeter = 0.03937 inch1 centimeter = 0.3937 inch1 meter = 39.37 inches                       | on Table  |
| English System to Metric System Conversio  | on Table  |
|  | 0.0254 meter<br>.3048 m<br>0.9144 m   |
| 2. Worked Example<br>Sample Problems:  |   |
| C. Convert 7 feet to centimeters D. Convert 10   | neters to inch<br><u>1,102.36 inches</u><br>yards to meter<br>= <u>9.144 meters</u> |
| <b>B. Lesson Activity</b><br>Let the students accomplish Worksheet 5.<br><b>Direction:</b> Complete the table by converting the given unit | its.  |

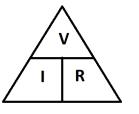
| 1. | <b>Explicitation</b><br>The continuous movement of electrons through a circuit is called <b>current</b> . The unit of measurement is Ampere which is named after Andre-Marie <b>Ampere</b> , a French physicist and mathematician who was one of the founders of the science of classical electromagnetism, which he referred to as "electrodynamics". Current is symbolized by the letter I. | The teacher should<br>use of letter <b>I</b> as m<br>letter for current.<br>The teacher should<br>use of <b>E</b> and <b>V</b> in 0 |
|----|---|---|
|    | <b>Voltage</b> is the force that pushes electrons to flow through a circuit. It is measured in <b>Volt</b> , the unit of measure derived from Alessandro Volta, an Italian  | If the school has go<br>connection, the tea   |

me physicist and chemist who was a pioneer of electricity and power. Voltage is symbolized by the letter V or E.

**Resistance** is the opposition to the flow of electrons on a circuit. It is measured in Ohm or the symbol  $\Omega$ , named after Georg Simon Ohm, a German physicist and mathematician. It is symbolized by the letter R.

| QUANTITY   | SYMBOL | UNIT OF<br>MEASUREMENT | UNIT<br>ABBREVIATION |
|------------|--------|------------------------|----------------------|
| Volage     | V or E | Volt                   | V                    |
| Current    | Ι      | Ampere                 | А                    |
| Resistance | R      | Ohm                    | Ω                    |

**Ohm's Law** states that the current through a conductor between two points is directly proportional to the voltage across the two points. It can be represented by the mnemonic device below.



٠

•

If you need to calculate V, cover the V with your thumb, and you'll see **IR.** If you need to calculate I, cover it and what's left is **V/R**. And if you need to calculate R, cover it to reveal **V/I**.

I= V / R R= V / I  $V = I \times R$ 

**Power** is the rate at which an electrical energy is transferred or transformed by an electric circuit. It is a measure of how much of work is done or energy is used ld explain the mathematical

ld explain the Ohms Law.

good internet eacher may use the following OER link that is highly interactive for teacher to fully illustrate the concept.

- Hoppe, P. (n.d.). *Ohm's law: The* relationship of voltage, current, and *resistance*. Wisc-Online OER. https://www.wisconline.com/learn/manufacturingengineering/man-engelectronics/dce8104/ohms-law-therelationship-of-voltage-current
- Tewalt, T. (n.d.). Ohm's law: Current. Wisc-Online

OER. https://www.wisconline.com/learn/manufacturingengineering/man-engelectronics/dce17818/ohms-lawcurrent

Tewalt, T. (n.d.). Ohm's law: Power. Wisc-Online

OER. https://www.wisc-

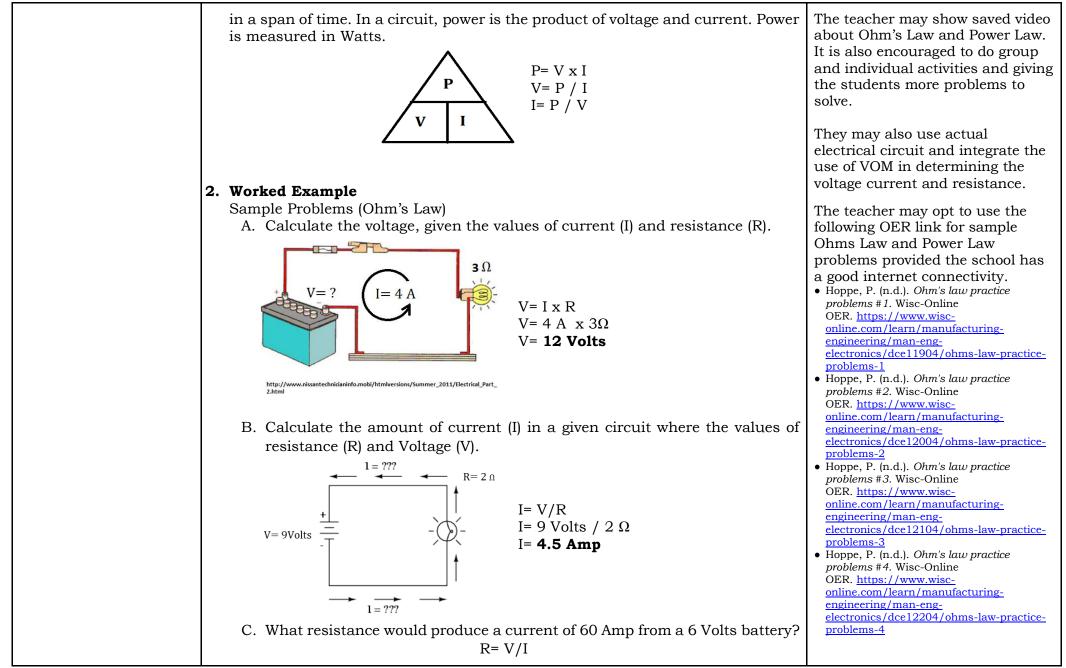
online.com/learn/manufacturingengineering/man-eng-

electronics/dce17618/ohms-law-

power

Hoppe, P. (n.d.). Power law: The relationship of voltage, current, and Watts. Wisc-Online OER. https://www.wisconline.com/learn/manufacturingengineering/man-eng-

electronics/dce8204/power-law-therelationship-of-voltage-current



|                 |  | · Hanna D (a d) Ohm /a law anatian   |
|-----------------|--|--|
|                 | R= 6 Volts / 60 Amp  | • Hoppe, P. (n.d.). <i>Ohm's law practice</i> problems #5. Wisc-Online       |
|                 | R= <b>0.1</b> Ω  | OER. https://www.wisc-   |
|                 |  | online.com/learn/manufacturing-  |
|                 | Sample Problems (Power Law)  | engineering/man-eng-   |
|                 | A. If the current and voltage of an electric circuit are given as 2.5 A and 10 V | electronics/dce12304/ohms-law-practice-<br>problems-5                        |
|                 |  |  |
|                 | respectively. Calculate the electrical power.                                    | Power Law  |
|                 | P= V x I   | • Hoppe, P. (n.d.). Power law practice problems #1. Wisc-Online              |
|                 | P= 10 V x 2.5 A  | OER. https://www.wisc-   |
|                 | P= <b>25 Watts</b>   | online.com/learn/manufacturing-  |
|                 |  | engineering/man-eng-   |
|                 |  | electronics/dce12404/power-law-practice-<br>problems-1                       |
|                 | B. How much current can run a 50 Watts microwave that is linked to a 20          | • Hoppe, P. (n.d.). Power law practice                                       |
|                 | Volts source?  | problems #2. Wisc-Online   |
|                 | I= P / V   | OER. <u>https://www.wisc-</u>  |
|                 | I= 50 Watts / 20 Volts   | online.com/learn/manufacturing-<br>engineering/man-eng-                      |
|                 | I= <b>2.5 A</b>  | electronics/dce12504/power-law-practice-                                     |
|                 |  | problems-2   |
|                 | C. What is the value of the source of a circuit that has 2 A of current passing  | • Hoppe, P. (n.d.). Power law practice                                       |
|                 | through a 30W load?  | problems #3. Wisc-Online<br>OER. <u>https://www.wisc-</u>                    |
|                 | V = P / I  | online.com/learn/manufacturing-  |
|                 |  | engineering/man-eng-   |
|                 | V= 30 W / 2 A  | electronics/dce12604/power-law-practice-                                     |
|                 | V= <b>15 Volts</b>   | <ul> <li>problems-3</li> <li>Hoppe, P. (n.d.). Power law practice</li> </ul> |
|                 |  | problems #4. Wisc-Online   |
|                 |  | OER. <u>https://www.wisc-</u>  |
|                 | 3. Lesson Activity   | online.com/learn/manufacturing-  |
|                 | Let the students accomplish Worksheet 6.   | engineering/man-eng-<br>electronics/dce12704/power-law-practice-             |
|                 |  | problems-4   |
|                 |  | • Hoppe, P. (n.d.). Power law practice                                       |
|                 |  | problems #5. Wisc-Online   |
|                 |  | OER. <u>https://www.wisc-</u>  |
|                 |  | online.com/learn/manufacturing-<br>engineering/man-eng-                      |
|                 |  | electronics/dce12804/power-law-practice-                                     |
|                 |  | problems-5   |
| D. Making       | 1. Learners' Takeaways   |  |
| Generalizations | 1. What are the different Systems of Measurement?                                |  |
|                 | 2. What is the relationship of current, voltage, and resistance as stated in     |  |
|                 | Ohm's Law?   |  |
|                 | UIIII 5 Law?   |  |

| 3. How can you calcul                    | 3. How can you calculate power on a given circuit? |  |                                     |  |  |  |
|--|--|--|-------------------------------------|--|--|--|
| 2. Reflection on Learning                | 2. Reflection on Learning                          |  |                                     |  |  |  |
| The students will                        | Weekly Reflection Log                              |  |                                     |  |  |  |
| accomplish the weekly<br>reflection log. | My most favorite activity this<br>week was:        | This week, I learned:<br>This week, I am proud of: | Next week, I want to improve<br>on: |  |  |  |
|  |  |  |                                     |  |  |  |

| IV. EVALUATING LEA        | NOTES TO TEACHERS   |  |
|---------------------------|---|--|
| A. Evaluating<br>Learning | <ul> <li>Formative Assessment Multiple choice Quiz: Students will take the 10-item test. <ol> <li>What system of measurement is decimal-based and has the current international standard of International System Units? <ul> <li>a. linear system</li> <li>b. English System</li> <li>c. Metric System</li> <li>d. US Standard System</li> </ul> </li> <li>What is the abbreviation of decimeter? <ul> <li>a. dm</li> <li>b. dam</li> <li>c. km</li> <li>d. mm</li> </ul> </li> <li>What is the smallest unit of measure in English System? <ul> <li>a. inch</li> <li>b. foot</li> <li>c. mile</li> </ul> </li> </ol></li></ul> | Answer key:<br>1. c<br>2. a<br>3. a<br>4. d<br>5. d<br>6. c<br>7. c<br>8. b<br>9. b<br>10. d |

| d. yard  |  |
|--|--|
| <ul> <li>4. What is the equivalent decimal of 2/5?</li> <li>a. 0.1</li> <li>b. 0.2</li> <li>c. 0.3</li> <li>d. 0.4</li> </ul>  |  |
| <ul> <li>5. What is 0.75 in fraction? <ul> <li>a. 1/3</li> <li>b. 2/3</li> <li>c. 2/4</li> <li>d. 3/4</li> </ul> </li> <li>6. If 1cm has 10mm, how many millimeters are there in 10.5cm? <ul> <li>a. 0.105mm</li> <li>b. 1.05mm</li> <li>c. 105mm</li> </ul> </li> </ul> |  |
| <ul><li>d. 1,050mm</li><li>7. The perimeter of a lot is 60 yards. How many feet of barbwire can surround it?</li></ul>   |  |
| a. 20 feet<br>b. 120feet<br>c. 180feet<br>d. 240feet   |  |
| <ul> <li>8. If an inch is 2.54cm, how many centimeters are there in 1 foot?</li> <li>a. 15.24cm</li> <li>b. 30.48cm</li> <li>c. 45.72cm</li> <li>d. 60.96cm</li> </ul>   |  |
| <ul> <li>9. A circuit has 12V source and 6Ω load. How much current is passing through the circuit?</li> <li>a. 0.5A</li> <li>b. 2A</li> <li>c. 18A</li> <li>d. 24A</li> </ul>  |  |

|                            | 10.Calculate the power<br>through it.<br>a. 0.33W<br>b. 3W<br>c. 12W<br>d. 27W  |  |                      |   |
|----------------------------|---|--|----------------------|---|
| B. Teacher's<br>Remarks    | Note observations on<br>any of the following<br>areas:  | Effective Practices  | Problems Encountered | The teacher may take note of<br>some observations related to the<br>effective practices and problems<br>encountered after utilizing the<br>different strategies, materials<br>used, learner engagement and<br>other related stuff.<br>Teachers may also suggest ways<br>to improve the different activities |
|                            | strategies explored   |  |                      |   |
|                            | materials used  |  |                      |   |
|                            | learner engagement/<br>interaction  |  |                      |   |
|                            | others  |  |                      | explored/ lesson exemplar.  |
| C. Teacher's<br>Reflection | Reflection guide or promy<br><u>Principles behind</u><br>What principles an<br>Why did I teach th<br><u>Students</u><br>What roles did my<br>What did my stud | Teacher's reflection in every<br>lesson conducted/ facilitated is<br>essential and necessary to<br>improve practice. You may also<br>consider this as an input for the<br>LAC/Collab sessions. |                      |   |
|                            | • <u>Ways forward</u><br>What could I have<br>What can I explore  |  |                      |   |