

 GRADES 1 to 12 DAILY LESSON LOG	School:		Grade Level:	VI
	Teacher:		Learning Area:	TLE-IA
	Teaching Dates and Time:	MARCH 10-14, 2025 (WEEK 5)	Quarter:	4TH QUARTER

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
I. OBJECTIVES					
A. Content Standards	Demonstrates an understanding of knowledge and skills in enhancing/decorating products as an alternative source of income				
B. Performance Standards	Performs necessary skill in enhancing/ decorating finished products		Constructs simple electrical gadgets with ease and dexterity.		
C. Learning Competencies	<u>TLE6IA 1.7.3 -0e-7</u>	<u>TLE6IA 1.7.4 -0e-7</u>	<u>TLE 6 IA 2.6.1 OF-8</u>	<u>TLE 6 IA 2.6.2 OF-8</u>	
	Discuss the proper procedure in computing the selling price. Compute income from sales. Appreciate the importance of proper computing of income from sales.	Prepare plans for mass production or creating new product. Identify the key factors and key elements in making plan for mass production or creating new products. Recognize the importance of planning in mass production or creating new products.	Identify materials and tools needed in making simple electrical gadgets. Demonstrate the proper use of tools and electrical materials. Show proper care of tools and materials use in electrical activities. Discuss the importance of using materials and tools in making simple electrical gadgets.	Identify the different electrical gadgets and their uses. Demonstrate the uses of the different electrical gadgets. (Extension cord, door bell, bulb tester, lampshade, etc.) Appreciate the uses of different electrical gadget.	
II. Content			Production/Repair of Simple Electrical Gadgets	Production/Repair of Simple Electrical Gadgets Materials and Tools in making Electrical Gadgets	

III. Learning Resources			
A. References			
1. Teacher’s Guide Pages			
2. Learner’s Materials Pages			
3. Textbook Pages			
4. Additional Materials from Learning Resources (LR Portal)			
B. Other Learning Resources			
IV. Procedures			
A. Review Previous Lessons			
B. Establishing purpose for the Lesson			

Materials and Tools in making Electrical Gadgets			
https://www.bdc.ca/en/articles-tools/operations/operational-efficiency/pages/production-plan-to-p-tips-improving-operations.aspx			
Have pupils recall the meaning of: Capital Expenses Gain	How do we compute the selling price for a certain project or product? Give the steps in computing the income?	How do we compute our business income? Show sample of computation of income from sales.	What are the different tools and materials needed in making electrical gadgets? What are their uses?
Have you tried to earn money by selling a product? What is that product?	Ask the pupils to give examples of project that they can make or had made. Write them down on blackboard.	Do you have appliances at home? How does it function? Where is it connected? What electrical materials were used? What kind of tools do we used in fixing those electrical materials?	What electrical gadgets are we going to use when we want to get electricity in a distance?
Vocabulary Selling price - The actual final price of a product or service that company charges a purchaser to buy the item.			

C. Presenting examples /instances of the new lessons

P r o j e c t	P i e c e s	C o s t M a t e r i a l s	l a b o r P r i c e	S e l l i n g P r i c e	P r o d u c t i o n
B r a c e l e t	1 0	P h o p 6 0 0 0	P h o p 3 0 . 0 0 0		

What is the item/listed in the chart?
If you were to sell the item, what will be the price per piece?

D. Discussing new concepts and practicing new skills #1.

What are the steps in computing the selling price?
Discuss the proper procedure in computing the selling price.
Steps on how to get the selling price and the possible income.

How important is planning specially in mass production?

Here are some advantages of an effective production plan and scheduling.
Reduced labour costs by eliminating wasted time and improving process flow.

Prepare videos and picture from the different tools and materials.
Real objects found in the industrial arts room.
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Activity 1:
Discuss the importance of using tools and materials in making simple electrical gadget.
Activity 2:
Identifying tools and materials needed in making simple electrical gadget.

Show picture or chart of the different electrical gadgets. (Extension cord, lamp shades, door bell, bulb tester).

What electrical gadgets have you seen in the picture?
What are the uses of these electrical gadgets?

Activity 1: Group Activity
Group 1 – Give an electrical gadget and their uses at home.
Group 2 – Give an electrical gadgets and their uses in school.

Project: Beaded bracelet

Add all the cost of materials plus cost labor to get the unit cost for each bracelet.

Materials

Php 60.00
Labor (Php 30.00/bracelet)----
Php 30.00

Php 90.00

Count how many beaded bracelets were made. Multiply this with total cost of materials plus labor to get your capital.

Php 90.00 x 10
bracelets = Php 900.00
(capital)

Multiply Php 90.00 x 20% for mark-up purposes.

Php 90.00
X 20% (.20)
Php 18.00 mark-up
price

Add the mark-up to your capital. The sum

Reduced inventory costs by decreasing the need for safety stocks and excessive work-in-process inventories. Optimized equipment usage and increased capacity. Improved on-time deliveries of products and services.

What are the key elements to address in production plan?

The production plan initially needs to address specific key elements well in advance of production in order to ensure an uninterrupted flow of work as it unfolds.

Material ordering—Materials and services that require a long lead time or are at an extended shipping distance, also known as blanket orders, should be ordered in advance of production requirements. Suppliers should send you materials periodically to ensure an uninterrupted pipeline.

Equipment procurement—Procuring specialized tools and equipment to initiate the production process may require a longer lead time. Keep in mind that the equipment may have to be custom made or simply difficult to set up. This type of equipment may also require special training.

Tools:	Materials:	
Combination pliers	Lamp receptacle	Starter Ballast
Side cutters	Cone	Battery (Dry cell, wet cell)
Long-nose pliers	Envelope	Lamp holder
Testers	Male	Electrical wires
Screw drivers	Female	Junction box
Hammer	Plug	Utility box
Electrical tape	Flexible pipe	Switch
Knife	Pipe	Push Button
Wire stripper	Plastic	Nails
Soldering gun	Conducting pipe	Screws
	G.I.	

Group 3 – Give an electrical gadget and their uses inside the room.

will be the selling price.
Php 90.00
+ 18.00
Php 108.00
selling price

Define *Business income, Revenue & Expense*

Business Income is the amount of gain earned from a sale of a service and/ or product after deducting all incidental expenses incurred by the business.

Revenue is the amount of money received (or to be received) in exchange for product and/ or services provided and sold. Revenue includes gross receipts on the sale of service – or gross sale of product.

Expense is the amount of money paid (or to be paid) in exchange for product and/ or service received and purchased. Sample expenses include inventory purchases,

Bottlenecks (delays)—These are constraints or restrictions in the process flow and should be assessed in advance so you can plan around them or eliminate them before you begin production. When you assess possible bottlenecks, be aware that they may shift to another area of the process. Dealing with bottlenecks is a continual challenge for any business.

Human resources acquisitions and training—Key or specialized positions may demand extensive training on specialized equipment, technical processes or regulatory requirements. These employees should be interviewed thoroughly about their skills. When hiring them, allow sufficient time for training and be sure that they are competent in their work before the job begins. This will ensure that your process or service flows smoothly.

	co nd uc t pip e PV C co nn ect ors C cla mp Pla sti c mo ldi ng Fl uo res ce nt la mp Inc an de sce nt bu lb	
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salary and wages,
transportation,
advertising, electric
and water bills,
communication,
professional fees, etc.

**Steps in Computing
Business Income**

Identify all the
products and/or
services sold in a given
period and then total
the amount. The total
represents the
revenue.
Identify all the cost
you pay in order to
operate your business
in the same given
period. The total
represents your total
expenses.
To compute your
business income,
subtract your total
expenses against your
total revenue.

**E. Discussing new
concepts &
practicing new
skills #2**

Group Activity:
Compute the selling
price & possible
income

*****use 20% as
mark-up price***

Group Activity: Making a plan

Group I: Pen holder
Group II: Dust pan
Group III: Flower Vase
Group IV: Tool Box
Group V: Basket
Input the following questions in
making your plan.

How are these materials
and tools used?
Uses of tools:
Combination Pliers
–these are use to twist,
cut, hold and pick
electrical wire or tie
wires.

Activity 2: Group Reporting
Group 1 – electrical gadget and their
uses at home.
Group 2 – an electrical gadget and
their uses in school.
Group 3 – an electrical gadget and
their uses inside the room.

How are you going to produce the items?

Side cutter Pliers –use to cut electrical wires or tie wires, also use in skinning small wires.

How can you ensure that their products are all high quality?

Long Nose Pliers – use to hold, cut, twist or pick up small objects in a limited space.

Where can you get the materials needed?

What are the equipment/s needed?

Tester – an instrument used to test if there is a flow of electricity in the connection a made.

Screw Drivers – tools used in tightening and loosening screws. It has 2 kinds: flat and Philips.

Wire strippers/splicer – use to take off a portion at the end of the wire before it is connected to terminals of other electrical materials.

Soldering gun/iron - this is used to join two tiny metallic parts such as television and radio spare parts.

Hammer – used to fasten nail through the wood, bam

F. Developing
Mastery

(Leads to Formative
Assessment 3)

Seat work: Compute
the selling price &
possible income

****use 20% as
mark-up price**

Project:
Shoe Rack
Pieces: 4
Cost of
Materials: Php 2000
Labor:
Php 180
What is
the selling price?
What is
the possible income?

Individual Seat work:

What are the importance in
making a plan
in mass production or creating a
new product?

What electrical tools I
am

What electrical tools I
am going to use when I
want to remove the plate
of the convenience outlet
or switch?
I want to make an
extension cord, what
electrical materials I am
going to buy?

Matching type. Match column A with
column B.

A	B
_____ 1. Extension cord	Gadget use to call the attention of the owner of the house.
_____ 2. Lamp shade	Use in testing an incandescent bulb,
_____ 3. Bulb tester	starter, ballast.
_____ 4. Door bell	Use as decoration lamp inside the room. A gadget use to access electricity in our appliances are far from the convenient outlet.

G. Finding Practical
Applications of
concepts and skills
in daily living

Your uncle put
up a bracelet
business, he’s just
guessing the price for
each item. What will
be the consequence of

Your barangay is going to
decorate the streets with
Christmas lantern using
recyclable materials. For sure
they will produce large number
of street lantern, how can you
apply your knowledge in making

Demonstrate the uses of
the different tolls and
materials.
How do we take good
care of them?

We have school program outside, but
there is no available convenience
outlet.
What electrical gadget are we going
to use?

	his action? What will you do?	a plan for producing massive amount of products?		
H. Making Generalizations & Abstractions about the lessons	In order to get the selling price of your selected project, what are you going to do? What are the steps in getting the selling price and income?	Enumerate the factors and elements to consider in planning a mass production of new products. Do you think making a plan is important why?	What are the tools and materials needed in making simple electrical gadgets? What are the importance in using tools and materials in making electrical gadgets?	What are the benefits of using different electrical gadgets?
I. Evaluating Learning	Multiple Choices. Write the letter of the correct answer. To compute the unit _____ of each finished article, add the cost of materials and cost of labor. Cost b. Earned Gain c. Plan d. Revenue The sum of mark-up price and capital is the _____. Revenue b. Selling price Inventory c. Expenses This refers to the amount of gain earned from a sale or service/product sold. Revenue b. Selling price Income c. Expenses Refers to the amount of money received in	Multiple Choices. To maximize productivity, every company needs to have a sound production _____. Cost b. Earned c. Plan d. Revenue Here are some importance of production plan, except one. a. Reduced labour costs by eliminating wasted time and improving process flow. b. Reduced inventory costs by decreasing the need for safety stocks and excessive work-in-process inventories. c. Optimized equipment usage and increased capacity. d.Improved the air quality index Effective planning is a complex process that covers a wide variety of activities to ensure that materials, equipment and human resources are available when and where they are needed. The statement is _____ a. True b. False c. Bias d. Extreme	Choose the correct answer inside the box. Tester male plug Combination pliers screw driver Electrical wires holder An electrical tool which is used to twist or splice an electrical wire. _____2. An instrument used to test if the gadget is functioning or there is a flow of electricity in the connection made? _____3. A part of a lamp that holds the fluorescent tube.	Identify the electrical gadgets that are commonly used at home and school. _____1. This is used to get electricity in a distance. _____2. It has two kinds, the male and female plug with two terminals _____3. Gadget used to give light or decoration in a room. _____4. It is used to call attention of an individual inside the house. _____5. It is used to test any of the electrical gadgets if it is functioning or not.

exchanged for the product sold.	To evaluate whether or not you are ready for production or to offer the service. You will need to determine the following, except one.	_____4. Tools used in tightening and loosening screws.
Revenue	b. Selling	_____5. An electrical material which is used as a connector or path where electricity flows. It can be duplex, solid or stranded.
price	c. Expenses	_____6 . It is used to connect to wire into the convenience outlet
Income	d. offer the service.	
Refers to the amount of money paid in exchanged for product received and purchased.	Resources	
Revenue	b. Staff	
price	c. measurement	
Income	d. machine	
	Forecast market expectations, inventory control, availability of equipment and human resources are the _____.	
	Revenue matters	
	c. Dynamic producer	
	Key factors in production plan	
	d. Expandable expanding	

J. Additional activities for application or remediation	Think of a project. List down your capital, labor needed and possible expenses. Compute your profit and report to the class.	Enumerate the importance of making a production plan before mass production.	List down the tools and materials used in making bulb tester.	List down some electrical gadgets and their uses.
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V. Remarks

VI. Reflection

A. No.of learners who earned 80% in the evaluation

B. No.of learners who requires additional acts.for remediation who scored below 80%

C. Did the remedial lessons work? No.of learners who caught up with the lessons

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 I encounter which my principal/supervisor can help me solve?

G. What innovations or localized materials did I used/discover which I wish to share with other teachers?