

School:		Grade Level:	VI
Teacher:	Credits to the Writer of this DLL	Learning Area:	TLE-IA
Teaching Dates and			
Time:	MAY 29 - JUNE 2, 2023 (WEEK 5)	Quarter:	4 TH QUARTER

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
I. OBJECTIVES					
A. Content Standards	Demonstrates an understandir enhancing/decorating product	ng of knowledge and skills in s as an alternative source of income	Demonstrate an understanding of	f and skills in making electrical gadgets.	
B. Performance Standards		nancing/ decorating finished products	Constructs simple electrical gadge	ets with ease and dexterity.	
C. Learning Competencies	TLE6IA 1.7.3 -0e-7	TLE6IA 1.7.4 -0e-7	TLE 6 IA 2.6.1 OF-8	TLE 6 IA 2.6.2 OF-8 HOLIDAY	
	in computing the selling price. Compute income from sales. Appreciate the importance of	Identify the key factors and key elements in making plan for mass production or creating new products. Recognize the importance of planning in	5 5	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 Materials and Tools in making 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)

https://www.bdc.ca/en/articles-tools/operat ions/operational-efficiency/pages/productio n-plan-top-tips-improving-operations.aspx

B. Other Learning

Resources

IV. Procedures

A. Review Previous

Lessons

Have pupils recall the meaning How do we compute the selling price for a

Capital

Expenses Gain

certain project or product?

Give the steps in computing the income?

income? Show sample of

computation of income from

sales.

How do we compute our business What are the different tools and materials needed in making electrical gadgets?

What are their uses?

B. Establishing purpose for Have you tried to earn money

the Lesson

by selling a product? What is that product?

Vocabulary

price of a product or service that company charges a purchaser to buy the item.

Ask the pupils to give examples of Selling price - The actual final project that they can make or had made. Write them down on blackboard.

Do you have appliances at home? What electrical gadgets are we going to use

How does it function? when we want to get electricity in a Where is it connected? distance?

What electrical materials were

used?

What kind of tools do we used in fixing those electrical materials?

SIONNETXE DΟ R C

C. Presenting examples /instances of the new lessons

Pr	Р	Co	Ι	S	Ро
oj	i	st	а	el	ssi
ec	е	of	b	li	bl
t	С	М	0	n	е
	е	at	r	g	In
	S	eri		Р	со
		als		ri	m
				С	е
				е	
Br	1	Ph	Р		
ac	0	р	h		
el		60	р		
et		.0	р 3		
		0	0		

Show picture about mass production

Did they proceed right away in mass production? What did they do first

http://www.moolf.com/interesting/photo-se ries-of-chinese-toy-factory-workers.html What can you say about the picture?

Prepare videos and picture from Show picture or chart of the different the different tools and materials. electrical gadgets. (Extension cord, lamp Real objects found in the industrial arts room.

shades, door bell, bulb tester).

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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

production plan and scheduling. Steps on how to get the selling Reduced labour costs by eliminating wasted Identifying tools and materials price and the possible income. time and improving process flow.

Project: Beaded bracelet

Add all the cost of materials cost for each bracelet.

Materials

----- Php 60.00 Php 30.00

Php 90.00

Count how many beaded this with total cost of materials

900.00 (capital)

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

Php 90.00 X 20% (.20)

How important is planning specially in mass Activity 1: production?

in computing the selling price. Here are some advantages of an effective

Reduced inventory costs by decreasing the need for safety stocks and excessive work-in-process inventories.

plus cost labor to get the unit Optimized equipment usage and increased capacity.

> Improved on-time deliveries of products and services.

Labor (Php 30.00/bracelet)---- 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 bracelets were made. Multiply uninterrupted flow of work as it unfolds.

plus labor to get your capital. **Material ordering**—Materials and services that require a long lead time or are at an Php 90.00 x 10 bracelets = Php 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.

Discuss the importance of using tools and materials in making simple electrical gadget.

Activity 2:

needed in making simple electrical gadget.

Tools:	Mate	rials:
Comb	Lam	Starter
inatio	р	Ballast
n	rec	Batter
pliers	ept	y (Dry
Side	acle	cell,
cutter	Con	wet
pliers	veni	cell)
Long-	enc	Lamp
nose	е	holder
pliers	outl	Electri
Tester	et	cal
Screw	Mal	wires
driver	e	Juncti
S	plu	on box
Ham	g	Utility
mer	Fe	box
Electr	mal	Switch
ical	e	Push
knife	plu	Button
	g	Nails
Wire	Flex	Screws
stripp	ible	
er		

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.

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

Php 18.00 mark-up price	Equipment procurement—Procuring	Solde	pip	
	specialized tools and equipment to initiate	ring	e	
Add the mark-up to your	the production process may require a longer	gun	Plas	
capital. The sum will be the	lead time. Keep in mind that the equipment		tic	
selling price.	may have to be custom made or simply		con	
Php 90.00	difficult to set up. This type of equipment		duc	
+ 18.00	may also require special training.		t	
Php 108.00 selling			pip	
price	Bottlenecks (delays) —These are constraints		e	
	or restrictions in the process flow and should		G.I.	
Define Business income,	be assessed in advance so you can plan		con	
Revenue & Expense	around them or eliminate them before you		duc	
	begin production. When you assess possible		t	
Business Income is	bottlenecks, be aware that they may shift to		pip	
the amount of gain earned	another area of the process. Dealing with		e	
from a sale of a service and/o	rbottlenecks is a continual challenge for any		PVC	
product after deducting all	business.		con	
incidental expenses incurred			nec	
by the business.	Human resources acquisitions and		tors	
	training—Key or specialized positions may		С	
Revenue is the	demand extensive training on specialized		cla	
amount of money received (or	equipment, technical processes or regulatory		mp	
to be received) in exchange for	requirements. These employees should be		Plas	
product and/or services	interviewed thoroughly about their skills.		tic	
provided and sold. Revenue	When hiring them, allow sufficient time for		mol	
includes gross receipts on the	training and be sure that they are competent		din	
sale of service – or gross sale	in their work before the job begins. This will		g	
of product.	ensure that your process or service flows		Flu	
	smoothly.		ore	
Expense is the			sce	
amount of money paid (or to			nt	
be paid) in exchange for			lam	
product and/ or service			р	
received and purchased.			Inca	
Sample expenses include			nde	
inventory purchases, salary			sce	
and wages, transportation,			nt	
advertising, electric and water			bul	
bills, communication,			b	
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 Group Activity: Compute the Group Activity: Making a plan & practicing new skills #2 selling price & possible income

**use 20% as mark-up price Group II: Dust pan

Group I: Pen holder Group III: Flower Vase Group IV: Tool Box Group V: Basket

Input the following questions in making your Side cutter Pliers –use to cut plan.

How are you going to produce the items?

How can you ensure that their products are cut, twist or pick up small objects all high quality?

Where can you get the materials needed?

What are the equipment/s needed?

How are these materials and tools Activity 2: Group Reporting

used? Group 1 – electrical gadget and their uses

Uses of tools: at home.

Combination Pliers – these are use Group 2 – an electrical gadget and their

to twist, cut, hold and pick uses in school.

electrical wire or tie wires. Group 3 – an electrical gadget and their

uses inside the room.

electrical wires or tie wires, also use in skinning small wires.

Long Nose Pliers – use to hold,

in a limited space.

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

What electrical tools I am

F. Developing Mastery

(Leads to Formative Assessment 3)

Seat work: Compute the selling

price & possible income

Individual Seat work:

**use 20% as mark-up price What are the importance in making a plan

in mass production or creating a new

Project: Shoe product?

Rack

Pieces: 4

Cost of

Materials: Php 2000

Labor: Php

180

What is the

selling price?

What is the

possible income?

Matching type. Match column A with

What electrical tools I am going to column B.

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?

1. Gadget use to call the attention of the owner of the house. Use in testing an incandescent bulb, starter, ballast. Door bell Use as decoration lamp inside the room. A gadget use to access electricity in our appliances are far from the convenient outlet	Α	В
Extension cord attention of attention of the owner of the house. Shade Use in testing an incandescent bulb, starter, ballast. Door bell Use as decoration lamp inside the room. A gadget use to access electricity in our appliances are far from the convenient	1.	Gadget use
2. the owner of the house. Use in testing an incandescent bulb, starter, ballast. Use as decoration lamp inside the room. A gadget use to access electricity in our appliances are far from the convenient	Extension	_
Lamp shade Use in testing an incandescent bulb, starter, ballast. Door bell Use as decoration lamp inside the room. A gadget use to access electricity in our appliances are far from the convenient	cord	attention of
shade3. Bulb incandescent bulb, starter, ballast. Door bell Use as decoration lamp inside the room. A gadget use to access electricity in our appliances are far from the convenient	2.	the owner of
an incandescent bulb, starter, ballast. Door bell Use as decoration lamp inside the room. A gadget use to access electricity in our appliances are far from the convenient	Lamp	the house.
Bulb incandescent bulb, starter, ballast. Door bell Use as decoration lamp inside the room. A gadget use to access electricity in our appliances are far from the convenient	shade	Use in testing
tester4. Door bell bulb, starter, ballast. Use as decoration lamp inside the room. A gadget use to access electricity in our appliances are far from the convenient	3.	an
4. ballast. Use as decoration lamp inside the room. A gadget use to access electricity in our appliances are far from the convenient	Bulb	incandescent
Door bell Use as decoration lamp inside the room. A gadget use to access electricity in our appliances are far from the convenient	tester	bulb, starter,
decoration lamp inside the room. A gadget use to access electricity in our appliances are far from the convenient	4.	ballast.
lamp inside the room. A gadget use to access electricity in our appliances are far from the convenient	Door bell	Use as
the room. A gadget use to access electricity in our appliances are far from the convenient		decoration
A gadget use to access electricity in our appliances are far from the convenient		lamp inside
to access electricity in our appliances are far from the convenient		the room.
electricity in our appliances are far from the convenient		A gadget use
our appliances are far from the convenient		to access
appliances are far from the convenient		electricity in
are far from the convenient		our
the convenient		appliances
convenient		are far from
		the
Loutlet		convenient
Junet.		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 his action? What will you do?	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 a plan for producing massive amount of products?	Demonstrate the uses of the different tolls and materials. How do we take good care of v them?	We have school program outside, but there is no available convenience outlet. What electrical gadget are we going to use?
H. Making Generalizations & Abstractions about the lessons	of your selected project, what	e Enumerate the factors and elements to t 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	each finished article, add the cost of materials and cost of labor. Cost b. Earned c. Gain d. Revenue The sum of mark-up price and capital is the	Multiple Choices. To maximize productivity, every company of 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 th need for safety stocks and excessive work-in-process inventories. c. Optimized equipment usage and increase capacity. d.Improved the air quality index Effective planning is a complex process that covers a wide variety of activities to ensure eighth materials, equipment and human resources are available when and where they are needed. The statement is a. True b. False c. Bias d. Extreme	Tester male plug Combination pliers screw driver Electrical wires holder e d An electrical tool which is used to twist or splice an electrical wire. 2. An instrument used to	

Refers to the amount of moneyTo evaluate whether or not you are ready for _ 5. An electrical material paid in exchanged for product production or to offer the service. You will which is used as a connector or need to determine the following, except received and purchased. path where electricity flows. It Revenue b. Selling price c. can be duplex, solid or stranded. **Expenses** d. Income 6. It is used to connect to Resources b. Staff c. wire into the convenience outlet d. machine measurement 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 Think of a project. List down Enumerate the importance of making a application or remediation your capital, labor needed production plan before mass production. used in making bulb tester. and possible expenses. Compute your profit and report to the class.

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

List down the tools and materials List down some electrical gadgets and their uses.

principal/supervisor can help me solve? G. What innovations or localized materials did I

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