



Republic of the Philippines
Department of Education
Negros Island Region
DIVISION OF SILAY CITY
City of Silay



**SPECIAL SCIENCE
ELEMENTARY SCHOOL
(SSES)**

**ACTIVITY SHEETS
IN SCIENCE 3**

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Republic of the Philippines
Department of Education
Negros Island Region
Division of Silay City



LEARNING RESOURCES MANAGEMENT AND DEVELOPMENT SYSTEM
City of Silay

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Activity 1

Phases of Matter

- Objective: Identify phases of Matter.
- Materials:

Cross word puzzle

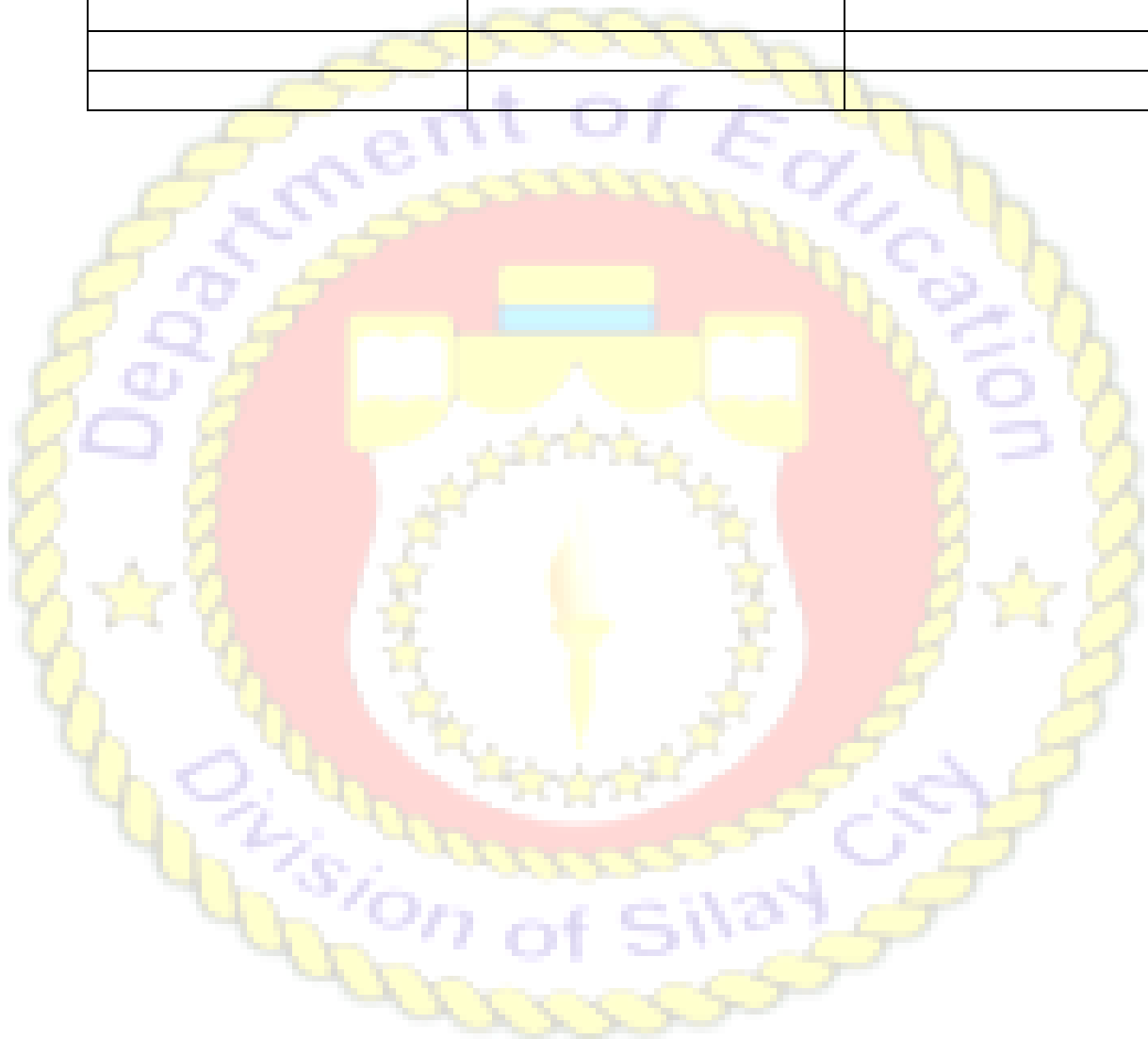
- Procedure:
 1. Identify 12 matters which can be formed horizontally, vertically or diagonally.
 2. Encircle them using their code.
 3. Use green for solid, red for liquid and blue for gas.

V	I	N	E	G	A	R	M	P	W	E	R	T	Y
S	D	F	G	G	N	O	A	H	A	D	G	D	C
X	C	V	B	N	I	C	R	A	T	P	S	D	O
T	O	W	E	L	T	K	B	C	E	V	E	H	L
C	V	B	N	M	R	J	L	K	R	U	I	R	O
D	F	G	H	J	O	Y	E	J	H	G	D	B	G
B	O	I	L	J	G	M	H	O	X	Y	G	E	N
A	S	D	F	V	E	E	R	T	T	Y	H	F	E
C	H	A	L	K	N	A	S	D	F	G	H	R	T
C	A	R	B	O	N	D	I	O	X	I	D	E	M

- Challenge:
 1. What are the different kinds of materials found in the puzzle?

2. Classify the different materials found in the puzzle by filling in the table below:

Solid	Liquid	Gas



Activity 2

Special Properties of Matter

- Objective: Describe viscosity as special property of matter.
- Materials:

Evaporated milk	Condensed milk
Water	Melted butter
Alcohol	Baby oil
Acetone	Vinegar
Cooking oil	Plastic cups

- Procedure:
 1. Observe the following materials on the table.
 2. Pour the materials to an empty cup one at a time.
 3. Compare how the materials flow.

- Challenge:

1. Based on the activity, what are the materials that flow easily?

2. Which of the materials take more time to flow?

3. What do you call materials that flow easily? Materials that take more time to flow?

4. Describe viscosity based on the activity.

Activity 3

Special Properties of Matter

- Objective: Describe elasticity as special property of matter.
- Materials:

Rubber band	Garter
Drinking straw	Paper clip
Yarn	Loom band
Ruler	Pony tail

- Procedure:
 - 1.Observe the materials on the table.
 - 2.Stretch the materials one at a time.
 - 3.Compare how the materials are stretched. Do it several times.
- Challenge:
 - 1.Based on the activity, what are the materials that can be stretched?

2.Which of the materials cannot be stretched?

3.What do you call materials that can be stretched? Materials that cannot be stretched?

4.Describe elasticity based on the activity.

Activity 4

Special Properties of Matter

- Objective: Describe brittleness/hardness as special properties of matter.

- Materials:

Stone	Crystal glass
Chopping board	Clay pot
Hollow block	Chalk
Mirror	Block of wood
Ceramic figurine	Metal spoon
Hammer	

- Procedure:

1. Observe the materials on the table.
2. Your teacher will demonstrate the activity by hammering the materials one at a time.
3. Observe carefully then fill in the table below.

Materials	Easily broken	Not easily broken

- Challenge:

1. Based on the activity, what are the materials that broke easily?

2. Which of the materials are hard to break?

3. What do you call materials that break easily? Materials that do not break easily?

4. Describe brittleness/hardness of materials.



Activity 5

Special Properties of Matter

- Objective: Describe ductility as special property of matter.
- Materials:

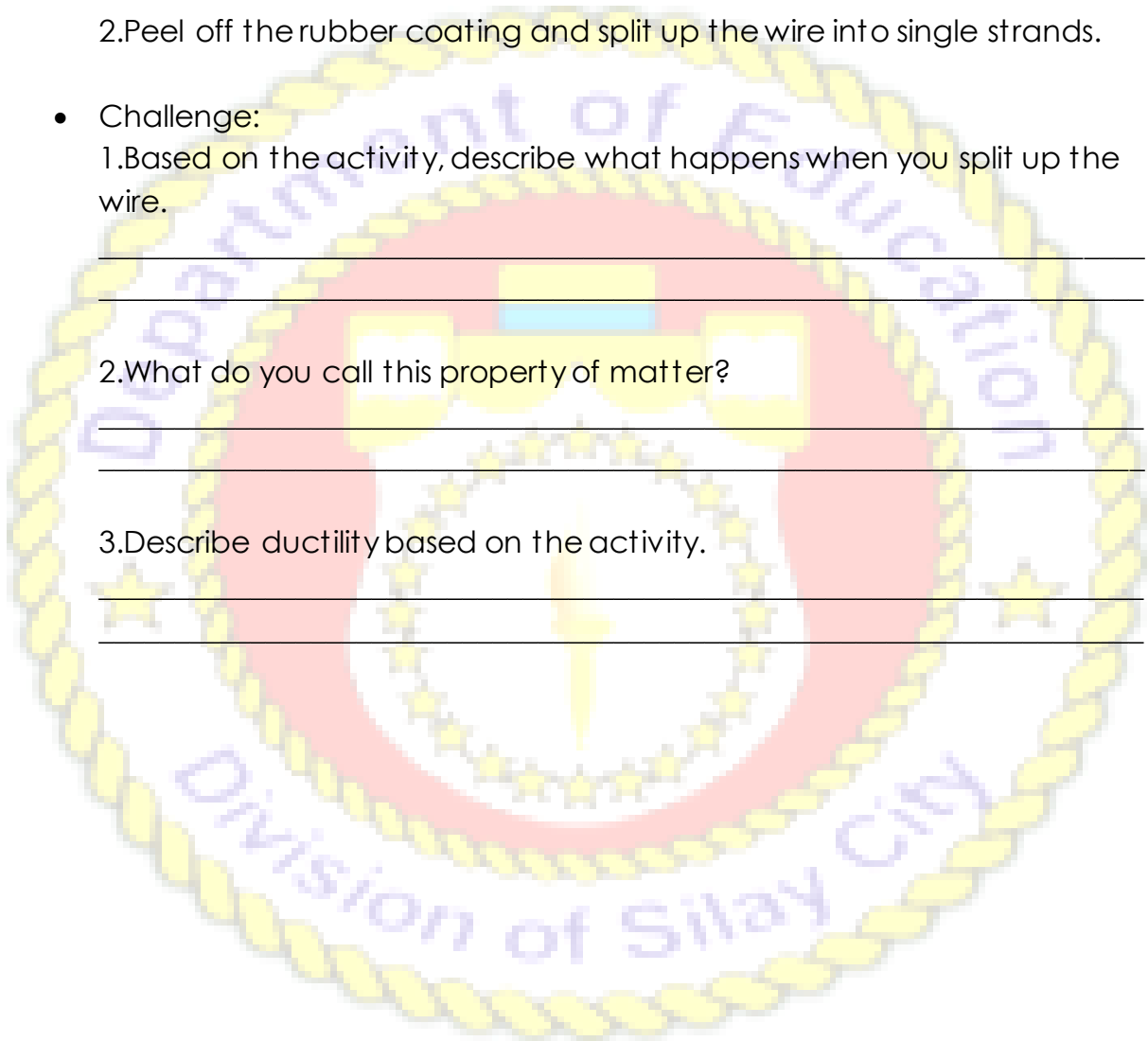
Electrical wire

- Procedure:
 - 1.Observe the electrical wire.
 - 2.Peel off the rubber coating and split up the wire into single strands.

- Challenge:
 - 1.Based on the activity, describe what happens when you split up the wire.

2.What do you call this property of matter?

3.Describe ductility based on the activity.



Activity 6

Special Properties of Matter

- Objective: Describe malleability as special property of matter.
- Materials:

Hammer	Tin can
Tansan	G.I. sheets/plain sheets
Wire (alambre)	Paper clip
Pencil	Eraser

- Procedure:
 - 1.Observe the materials on the table.
 - 2.Hammer or bend the materials one at a time.
 - 3.Record your observations in the table below.

Materials	Can be hammered or bent without breaking	Breaks when hammered or bent

- Challenge:
 - 1.Based on the activity, describe what happens when you hammer or bend the materials.

- 2.What do you call this property of matter?

- 3.Describe malleability based on the activity.

Activity 7

Special Properties of Matter

- Objective: Describe conductivity as special property of matter.
- Materials:

Model of simple circuit	Fastener
Scissors	Paper clip
Coin	Nail
Pencil	Crayons
Chalk	Straw

- Procedure:
 - 1.Observe the simple circuit model.
 - 2.The teacher will show how the simple circuit works using the different materials.
 - 3.Record your observations in the table below.

Materials	Lights the bulb	Does not light the bulb

- Challenge:
 1. Based on the activity, identify what materials can light a bulb and cannot light the bulb?

2.What do you call this property of matter?

3.Describe conductivity based on the activity.

Activity 8

Special Properties of Matter

- Objective: Differentiate special properties of Matter.
- Materials:

Puzzle

- Procedure:
 1. Loop the eight (8) words related to matter in the puzzle.

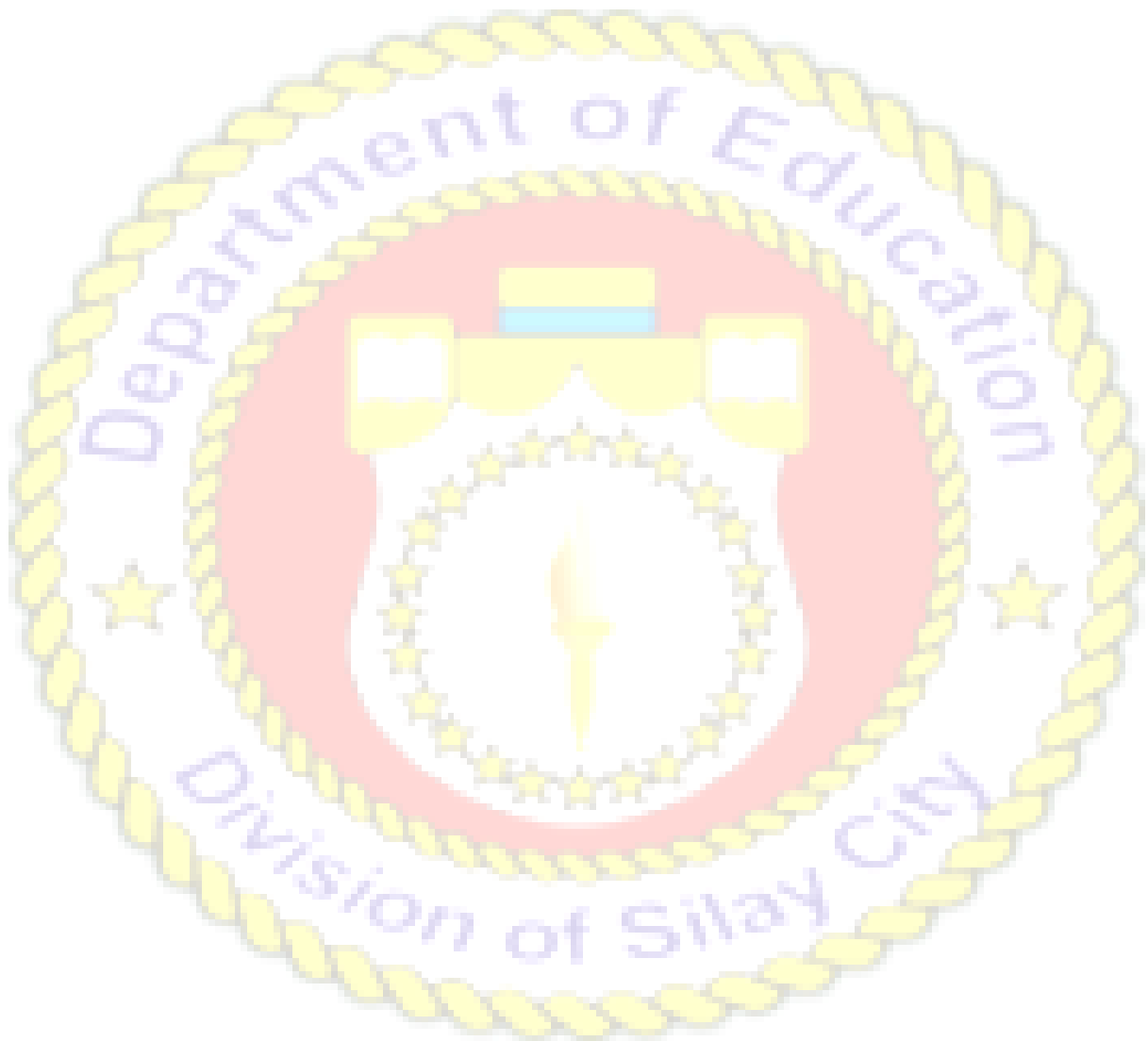
Viscosity	Ductility	Durability	Brittle
Elasticity	Malleable	Space	Mass

D	U	C	T	I	L	I	T	Y	E
U	W	E	R	T	T	G	H	J	L
R	S	P	A	C	E	A	S	K	A
A	A	S	D	F	G	H	J	K	S
B	R	I	T	T	L	E	X	C	T
I	C	V	M	N	M	J	K	I	I
L	A	X	C	A	V	N	H	J	C
I	A	S	D	F	S	Q	W	E	I
T	Z	X	C	V	B	S	H	J	T
Y	V	I	S	C	O	S	I	T	Y
M	A	L	L	E	A	B	L	E	T

- Challenge:
 1. List down the special properties of matter found in the puzzle.

2. Give an example for each special property of matter.

3. Differentiate each special property of matter.
- A. Brittleness and Hardness
 - B. Malleability and Elasticity
 - C. Ductility, Conductivity and Viscosity



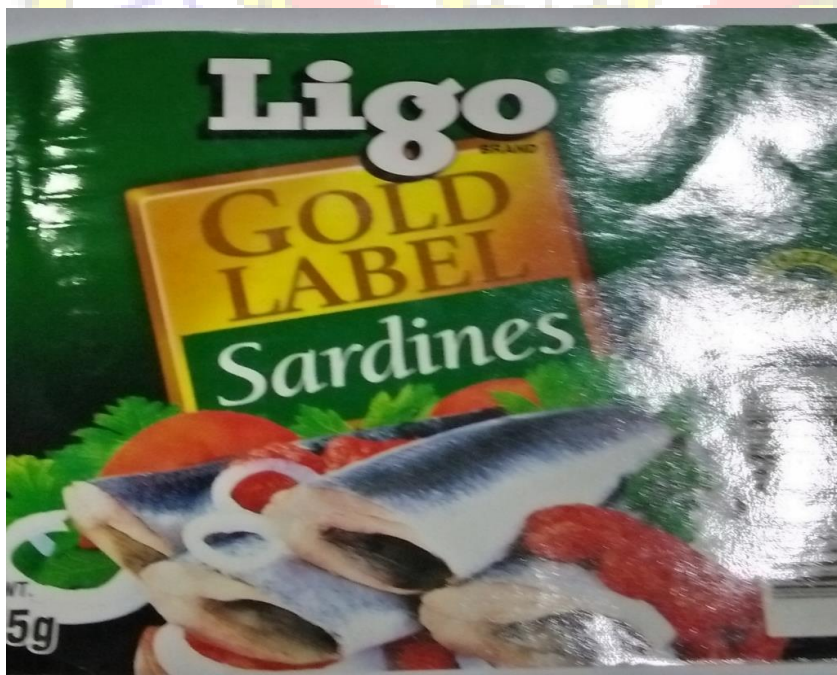
Activity 9 Food Labels

- Objective: Identify information contained in food product labels
- Materials:
 - Food product labels
- Procedure:
 1. Study the food label below. Answer the questions that follow.



Production Date:
May 10, 2016

Expiration Date:
Sept. 28, 2019



- Challenge:

1.What is the name of the product?

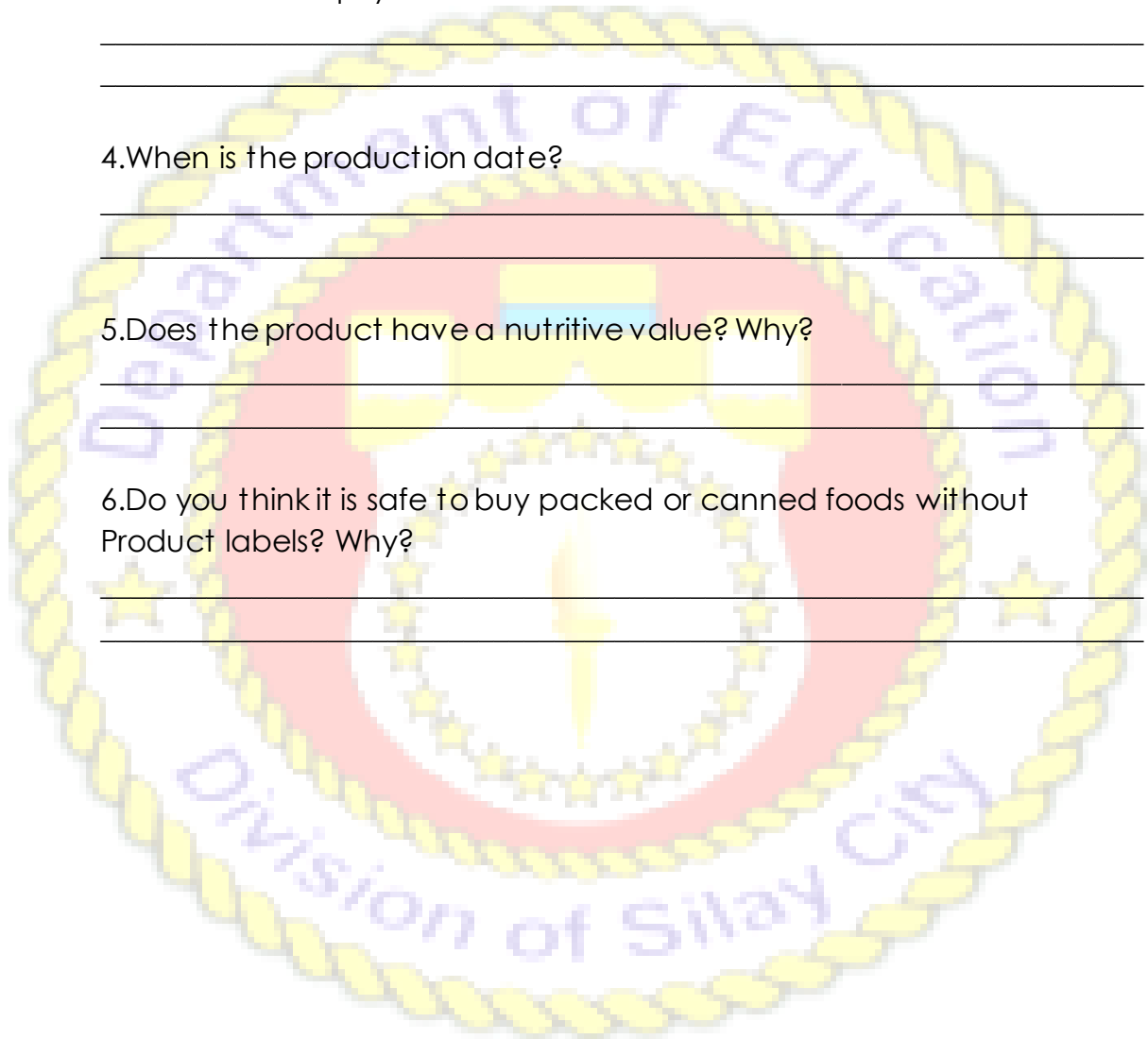
2.What are the ingredients of the product?

3.When is the expiry date?

4.When is the production date?

5.Does the product have a nutritive value? Why?

6.Do you think it is safe to buy packed or canned foods without Product labels? Why?



Activity 10

Safety Precautions in the Use of Materials

- Objective: Interpret precautionary symbols and signs in product labels
- Materials:

Empty bottles/labels of:

Zonrox bleach

Match

Shampoo

Rubbing alcohol

Mosquito killer

Muriatic acid

Paint

Floor wax

Naphthalene balls

Lighter

- Procedure:

- 1.Examine the product labels carefully.
- 2.Identify the precautionary symbols and signs in the product labels.
- 3.Interpret the symbols and signs based on the guide given by the teacher.

- Challenge:

- 1.What products contain these symbols(poisonous, corrosive, flammable, radioactive)?

- 2.How should you handle these products?

