



MATATAG
Bansang Makabata Batang Makabansa

School:		Grade Level:	7
Teacher:		Learning Area:	TLE
Teaching Dates and Time:		Quarter:	Fourth
		Week:	Week 2-Day 4

I. CONTENT, STANDARDS AND LEARNING COMPETENCIES		ANNOTATIONS
A. CONTENT STANDARDS	Demonstrate an understanding of the codes and standards in industrial arts services.	
B. PERFORMANCE STANDARDS	The learners perform mensuration and calculations following safety precautions.	
C. LEARNING COMPETENCIES	Learning Competency - Discuss the basic concepts of the building code, electrical code, electronics code, traffic, and road signs. - Describe the legal bases behind building code, electrical code, electronics code and traffic and road signs in the Philippine setting. - Identify government agencies regulating and implementing set codes and standards for industrial arts services. - Discuss basic requirements and standards for building code, electrical code and electronics code of the Philippines. - Identify traffic and road signs in the Philippines. - Explain the importance of following the set codes and standards for industrial arts services. - Adhere to the importance of following the set codes and standards for industrial arts services in daily life.	
D. LEARNING OBJECTIVES		
I. CONTENT		

II. LEARNING RESOURCES

A. REFERENCES

Chan, Joselito Guanan M. P. (n.d.). The National Building Code of The Philippines. Chan Robles Virtual Law Library.
<https://chanrobles.com/republicactno6541.htm>

Dokumen.tips. (n.d.). The Philippine Electronics Code Volume 1 (safety). (PDF). <https://dokumen.tips/documents/the-philippine-electronics-code-volume-1-safety.html>

Electrician Philippines. (n.d.). Philippine Electrical Code Summary. <https://electricianphilippines.com/philippine-electrical-code-summary/>

LTO Portal PH. (2023). List of LTO traffic signs and symbols in the Philippines. <https://ltoportal.ph/lto-traffic-signs-symbols-philippines/>

Official Gazette of the Republic of the Philippines. (n.d.-b). Republic acts. <https://www.officialgazette.gov.ph/section/republic-acts/>

Pangonilo, V. (2023). Philippine Electrical Code (PEC) – A Primer. Filipino Engineer Blog. <https://filipinoengineer.com/blog/2023/06/philippine-electrical-code-pec-a-primer.html>

Shaili. (2022). The 3 little pigs story for children with moral. Firstcry Intelli Education. <https://www.firstcry.com/intelli/articles/story-of-the-three-pigs-with-moral-for-kids/>

The Course Hero. (n.d.). ECE 204 - Unit 6 - Philippine Electronics Code.pdf. <https://www.coursehero.com/file/168198369/ECE-204-Unit-6-Philippine-Electronics-Codepdf/>

UNDRR. (2007). Hazard. <https://www.undrr.org/terminology/hazard>

Wikimedia Foundation. (2024, January 29). Road signs in the Philippines. Wikipedia.
https://en.wikipedia.org/wiki/Road_signs_in_the_Philippines

B. OTHER LEARNING RESOURCES

III. TEACHING AND LEARNING PROCEDURE

BEFORE/PRE-LESSON PROPER

ACTIVATING PRIOR KNOWLEDGE	Short Review The Philippine Electronics Code (PEC) is a set of regulations that ensures the safe, efficient, and standardized installation and operation of electronic systems in the country. It provides guidelines for electronic communications, broadcasting, information technology, and other electronic applications to protect both users and equipment from potential hazards. The key aspects covered in the Philippine Electronics Code include: • Standardized Installation Practices – Ensuring proper installation of electronic systems to prevent interference and system failures. • Safety Regulations – Protecting individuals and equipment from electrical hazards, such as power surges and short circuits. • Electromagnetic Compatibility (EMC) Compliance – Preventing electronic devices from causing interference with other systems. • Quality and Performance Standards – Requiring the use of approved electronic components and materials to maintain reliability. • Legal Compliance – Ensuring that all electronic installations adhere to national policies and international standards. By following the Philippine Electronics Code, professionals in the electronics industry can guarantee the efficiency, safety, and sustainability of electronic and communication systems, contributing to technological advancements in the country.	
LESSON PURPOSE/INTENTION	Lesson Purpose: Understanding Traffic and Road Signs in the Philippines	

	The purpose of this lesson is to help students recognize, understand, and apply the importance of traffic and road signs in the Philippines. By the end of the lesson, students should be able to: 1. Identify Different Types of Traffic Signs – Recognize and classify traffic signs into regulatory, warning, and informational categories. 2. Understand the Meaning and Purpose of Road Signs – Explain how traffic signs contribute to road safety, traffic regulation, and accident prevention. 3. Follow Road Rules and Regulations – Learn the importance of obeying traffic signs for orderly and safe road usage. 4. Promote Road Safety Awareness – Encourage responsible behavior among drivers, pedestrians, and commuters by understanding the significance of traffic control devices. 5. Apply Knowledge in Real-Life Situations – Demonstrate awareness of road signs when crossing streets, riding vehicles, or learning basic driving rules. This lesson aims to instill discipline, safety consciousness, and responsibility in students, helping them become better-informed pedestrians and future drivers in accordance with Philippine road laws. 🚦🚗✅	
LESSON LANGUAGE PRACTICE	Unlocking Content Vocabulary: Traffic and Road Signs in the Philippines Directions: Unscramble the letters to form the correct vocabulary word related to traffic and road signs. Write the correct word on the blank provided. 1. YTFESA → _____ ○ The condition of being protected from harm or danger, especially on the road. 2. LROTENMIFNOA → _____ ○ A type of road sign that provides useful details for	Answer Key: 1. SAFETY 2. INFORMATIONAL 3. WARNING 4. REGULATORY 5. ACCIDENT

	drivers and pedestrians, such as directions and locations. 3. AINGNWR → _____ ○ A category of traffic signs that alerts drivers and pedestrians about potential hazards or changes in road conditions. 4. LORTYUGEAR → _____ ○ A type of road sign that informs road users about laws and traffic rules they must follow. 5. CCATIDEN → _____ ○ An unexpected event, usually on the road, that may cause damage or injury.	
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DURING/LESSON PROPER

READING THE KEY IDEA/STEM	Traffic signs (The Philippines) • The Philippines follows its rules towards traffic signs from the Vienna Convention on Road Signs and Signals, alongside with other countries such as India, Greece and Italy. • The Vienna Convention on Road Signs and Signals is an international treaty designed to increase road safety and aid international road traffic by standardizing the signing system for road traffic (road signs, traffic lights and road markings) in use internationally. In article 2 the convention classes all road signs into a number of categories (A - H): A. Danger warning signs B. Priority signs C. Prohibitory or restrictive signs D. Mandatory signs F. Information, facilities, or service signs G. Direction, position, or indication sign	
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H. Additional panels

Danger Warning Signs

Warning signs can indicate any potential hazard, obstacle or condition requiring special attention.

Here are the most common warning signs:



Priority Signs

Priority traffic signs indicate the order

in which vehicles should pass intersection points.

Here are some common examples of Priority Traffic Signs:



Prohibitory or Restrictive Signs

Prohibitory traffic signs are used to prohibit certain types of manoeuvres or some types of traffic.

Here are some common examples of prohibitory traffic signs:



**DEVELOPING and DEEPENING
UNDERSTANDING OF THE KEY
IDEA/STEM**

**SUB-TOPIC 4: Traffic and Road Signs in The
Philippines**

Guess the Logo:



Explicitation

**Source: Nuryadin, A. (2022, May 9).
Download orderly child crossing the road at
the crossroad for free.**

Vecteezy.

<https://www.vecteezy.com/vector-art/7544768-orderly-child-crossing-the-road-at-the-cross-road>

Processing Questions:

1. What are road and traffic signs and symbols?
2. What government agencies regulate and implement road and traffic signs in the Philippines?
3. Why is it important to know these road and traffic signs?
4. What are the road and traffic signs in the Philippines?

2. Worked Example

Road Traffic Signs and Symbols

Road traffic signs and symbols serve as visual indicators intended to direct drivers and pedestrians safely to their destinations. These markers provide directions, warnings, or instructions that both drivers and pedestrians must heed while on public roads. While most signs are located at the side of the street, some can also be positioned above roads or on

To facilitate connection with previous topics, the teacher can ask students to guess the logo of the different government agencies previously discussed and name the one government agency which will be tackled in this lesson.

Answer key:

1. Department of Trade and Industry
2. Department of Interior and Local Government
3. Department of Public Works and Highways
4. Land Transportation Office (NEW)
5. Bureau of Fire Protection
6. Department of Information and Communications Technology

This is also a good mind setting on the use

	pavements, bridges, and even on the roads themselves. Traffic signs in the Philippines are created to be straightforward, prominent, and easily comprehensible. They are typically displayed in large letters or depicted as clear pictures or symbols. To ensure understanding among locals, some signs are translated into Filipino or the local dialect. Overall, these signs are meticulously designed to avoid any misinterpretation of their meanings. Complete List of Road Traffic Signs and Symbols in the Philippines The traffic signs are divided into eight categories namely: 1. Regulatory Signs • Priority Signs • Directional Signs • Prohibitive / Restrictive Signs • Speed Signs • Parking and Stopping Signs • Miscellaneous Signs 2. Warning Signs • Horizontal Signs • Intersection Signs • Advance Warning / Traffic Control Device Signs • Road Width Signs • Road Obstacle Signs • Pedestrian Signs • Railway Level Crossing Signs • Supplementary Signs • Other Warning Signs 3. Guide / Informative Signs • Advance Direction Signs • Intersection Direction Signs	of pictures or logo as the next topic will be symbol and sign laden. The teacher can present the image to help facilitate new learning. The teacher will present and discuss the different road and traffic signs in the Philippines. The teachers in rural areas with no traffic lights and signs may opt to use videos to introduce this to learners with no exposure to traffic road and road signs. If the school is in a highly urbanized location, the teacher is encouraged to invite LTO personnel to speak for the Road Traffic Signs and Symbols If the school is in a highly urbanized location, the teacher may ask the school head to invite LTO personnel to conduct one day seminar for road Traffic Signs and safety. The following images were all sourced from Wikipedia and Wikimedia commons. The teacher can choose as many and/or with other variations of the different road and traffic signs.
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	• Reassurance Direction Signs • Fingerboard and Direction Signs • Street Names Signs • Town Names and Geographical Feature Signs • Service Signs • Tourist Information and Tourist Destination Signs • Route Markers • Asian Highway Route Marker 4.Signs on Expressway • Expressway Approach Signs • Expressway Information Signs • Advance Exit Signs • Expressway Exit Direction Signs • Expressway Service Signs • Start and End of Expressway Signs • Toll Signs • Expressway Traffic Instruction and Regulatory Signs 5. Traffic Instruction Signs • Supplementary Signs • Movement Instructions Signs 6. Hazard Markers 7. Road Work Signs 8. Pavement markings • Longitudinal Lines • Traverse Lines • Other Lines • Object Markings • Raised Pavement Markers • Other Markings 3. Lesson Activity: It's A Sign!	The teacher should visit/browse the LTO link: List of LTO Traffic Signs and Symbols in the Philippines -LTO Portal PH List of PH LTO Traffic Signs and Symbols Explained LTO Portal The teacher may have his/her options to create a an engaging activities related to traffic signs and symbols.
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Complete the table below by identifying the traffic sign/symbol or drawing it.													
<table><tr><th>Traffic Road Signs or Symbols</th><th>What Do They Mean?</th></tr><tr><td>1. </td><td></td></tr><tr><td>2. </td><td></td></tr><tr><td></td><td>3. Stop</td></tr><tr><td></td><td>4. No Parking</td></tr><tr><td>5. </td><td></td></tr></table>	Traffic Road Signs or Symbols	What Do They Mean?	1. 		2. 			3. Stop		4. No Parking	5. 		
Traffic Road Signs or Symbols	What Do They Mean?												
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AFTER AFTER/POST-LESSON

MAKING GENERALIZATIONS AND ABSTRACTIONS	1. Learners' Takeaways 1. What is your favorite topic and why? 2. What is the importance of learning all the topics in Week 2? 3. What disasters can be avoided by learning all these topics? 2. Reflection on Learning Watch the video on YouTube entitled, Understand Goal 11: Sustainable Cities and Communities (Secondary) which can be found on this link: https://www.youtube.com/watch?v=VrBrpSTwPK8 1. As a student, what can you do to contribute to achieving our efforts for Sustainable Development Goal 11? 2. How do you feel now that you were able to learn all these things?	
EVALUATING LEARNING	Directions: Read each question carefully and choose the correct answer. Write the letter of your choice. 1. What is the main purpose of traffic and road signs? a. To decorate the streets b. To guide and regulate road users for safety c. To make roads look more modern d. To increase the number of vehicles on the road 2. Which type of traffic sign informs drivers about road conditions, such as sharp curves or pedestrian crossings?	Answers: 1. b. To guide and regulate road users for safety 2. a. Warning signs 3. c. The action shown is prohibited 4. b. Yellow 5. c. Stop sign

	a. Warning signs b. Regulatory signs c. Informational signs d. Directional signs 3. A red circle with a diagonal line through it on a sign means: a. You are allowed to proceed b. You must slow down c. The action shown is prohibited d. It is a pedestrian crossing 4. What color is commonly used for warning signs in the Philippines? a. Blue b. Yellow c. Green d. Red 5. Which traffic sign requires drivers to stop completely before proceeding? a. Yield sign b. No parking sign c. Stop sign d. Pedestrian crossing sign	
ADDITIONAL ACTIVITIES FOR APPLICATION OR REMEDIATION (IF APPLICABLE)		
REMARKS		
REFLECTION		

Prepared by:

Subject Teacher

Reviewed by:

Master Teacher/Head Teacher