

DOMAIN 4

Curriculum and Planning



PHILIPPINE PROFESSIONAL STANDARDS
FOR TEACHERS



DOMAIN 4 CURRICULUM AND PLANNING

4.1.1. PREPARE DEVELOPMENTALLY SEQUENCED TEACHING AND LEARNING PROCESSES TO MEET CURRICULUM REQUIREMENTS.

All of my lessons follows the exemplar in MATATAG Mathematics 7 for a good sequence of lessons

My Drive > PT > LPs >

Type People Modified Source

Files

Copy of Week 7 ... Week 2 Q4 Week 3 Q4 Week 3 Q4 Week 5 Q4 Week 6 Q4 Week 7 Q4

The screenshot shows a Google Drive folder named "PT" containing "LPs". Inside "LPs" are several files representing weekly learning plans for MATATAG Mathematics 7. The files are titled "Copy of Week 7 ...", "Week 2 Q4", "Week 3 Q4", "Week 3 Q4" (duplicated), "Week 5 Q4", "Week 6 Q4", and "Week 7 Q4". Each file is a template from the Philippine Normal University (PNM) titled "MEIA Learning Plan". The templates include sections for "Content Details", "Learning Objectives", "Learning Competencies", "Learning Activities", "Assessments", and "Resources". The "Content Details" section typically lists topics like "Quadratic Functions", "Quadratic Equations", "Quadratic Functions and Equations", etc. The "Learning Objectives" section includes "Upon completion of this module, the student will be able to: 1. Define quadratic functions and equations. 2. Identify the different forms of quadratic functions and equations. 3. Solve quadratic equations using various methods." The "Learning Competencies" section lists outcomes such as "Identify the different forms of quadratic functions and equations.", "Solve quadratic equations using various methods.", and "Apply quadratic functions and equations in solving real-life problems." The "Learning Activities" section describes various teaching and learning strategies. The "Assessments" section outlines evaluation methods. The "Resources" section lists materials like "Textbook", "Handouts", "PowerPoint presentations", and "Websites". Each template is dated "May 2020" and signed by "Teacher: _____" and "School Year: 2019-2020".





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CURRICULUM AND PLANNING

4.2.1. IDENTIFY LEARNING OUTCOMES THAT ARE ALIGNED WITH LEARNING COMPETENCIES.

Objectives are core parts of a lesson so I always try to meet the objectives

Learning Outcomes
Today, you'll be able to:



- Transform numbers from scientific notation to standard form.
- Perform operations on numbers expressed in scientific notation.



LEARNING OBJECTIVES

1. Accurately collect data from experiments.
2. Correctly determine and identify the experiment, outcomes, sample space, and events in a given situation.
3. Accurately count and list the number of occurrences of an outcome in an experiment.



LEARNING OBJECTIVES



- 01 Illustrate the probability of simple events.
- 02 Solve problems using the outcomes of experiments.
- 03 Appreciate the concepts of probability of simple events to real-life situations.





DOMAIN 4 CURRICULUM AND PLANNING

4.3.1. DEMONSTRATE KNOWLEDGE IN THE IMPLEMENTATION OF RELEVANT AND RESPONSIVE LEARNING PROGRAMS.

After each lesson I always have an activity ready for students to do

ASSIGNMENT

LIST AT LEAST THREE SITUATIONS FROM YOUR EXPERIENCES WHERE YOU WONDERED ABOUT THE PROBABILITY OF A CERTAIN EVENT, AND EXAMPLE FOR E

EXIT TICKET: TIME TRAVELER'S POSTCARD

Imagine you're a **time traveler** who just visited today's math lesson. Your task is to **write a postcard** to your future self describing what you "saw" and learned. Here's what to include:

1. **A creative greeting** — (e.g., "Dear Future Me," or "Hi Math Whiz!").
2. **A description of what you learned** — Share 2-3 key ideas or skills from the lesson (e.g., how to solve a problem, a new formula, or a strategy you practiced).
3. **A personal reflection** — Add one thing you found interesting, challenging, or fun about the math concept.
4. **Be creative!**

Dear Math Buddy,

d how to add and subtract them using common denominators. At first, it was al-life problems like sharing pizza slices. Math is delicious!

Activity: "Math Riddle Card!"

On a single sheet of oslo paper, complete the following:

1. Write a Short Math Riddle

- Think of a fun riddle where the answer is found by solving an equation.
- Example:
"I am a number. When you double me and add 4, you get 10. What number am I?"

2. Represent the Riddle with a Bar Model

- Draw a simple bar model that represents the equation.

3. Solve the Equation

- Show how to solve the equation step by step using the **Properties of Equality**.

4. Decorate the Card

- Add simple drawings or designs to make your riddle fun and engaging.

Example:

"I am a number. When you subtract 3 from me, you get 7. What number am I?"

	x
7	+ 3
Add 3 to both sides: x = 10	

mx





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PAGNINILAY

Anong patakaran sa tingin mo na bigyan pa lalo ng pansiun upang mapaunlad ang agrikultura ng bansa ?

Agri-bokasiya

Bumuo ng adbokasiya ukol sa napiling produkto mula subsektor ng ekonomiya. Iguhit ang produkto at bigyang adbokasiya.

Hal.

Produkto: Bigas

Adbokasiya: "Bigas ang ating yaman, pagyamanin at alagaan para sa kinabukasan."

Piktyur Perfect!

Bawat grupo ay bibigyan ng isang subsektor ng paglilingkod.

Lilikha sila ng isang frozen image o tableau na kumakatawan sa kanilang subsektor.

Ipapaliwanag nila ang kanilang ipinakitang tableau sa klase.

Agri-Indus

Bawat grupo ay gagawa ng venn diagram sa isang papel at mag-isip at magsulat ng mga proseso na nauugnay sa Agrikultura at Industriya.



GAWAIN 3:



DILAW – DAHLAN KUNG BAKIT MARAMING PILIPINO ANG NASA IMPORMAL NA SEKTOR.

ASUL – KAHALAGAHAN BENEPISYO NG IMPORMAL NA SEKTOR.

PULA – HAMON O SULIRANIN NG IMPORMAL NA MANGGAGAWA.





DOMAIN 4 CURRICULUM AND PLANNING

4.4.1. SEEK ADVICE CONCERNING STRATEGIES THAT CAN ENRICH TEACHING PRACTICE.

Comments and feedback are a part of my growth, so I'm grateful to my Math peeps and others for guidance





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CURRICULUM AND PLANNING

4.5.1. SHOW SKILLS IN THE SELECTION, DEVELOPMENT AND USE OF A VARIETY OF TEACHING AND LEARNING RESOURCES, INCLUDING ICT, TO ADDRESS LEARNING GOALS.

I use multimedia, particularly videos online as a form of reviewer after school

Grade 7
MATATAG

Introduction to Algebra:
Algebraic Expressions
Constants Variables

YouTube

MATH 7 QUARTER 4 | GRADE 7 4th QU...

Math 7 Matatag Curriculum

Terms Related to

Algebraic Expression

YouTube

Math 7 MATATAG 4th quarter -

Grade 7
MATATAG

Translating
Verbal Phrases
to **Algebraic
Expressions**



YouTube

MATH 7 QUARTER 4 | GRADE...

