

DOMAIN 1



Content
knowledge and
Pedagogy



PHILIPPINE PROFESSIONAL STANDARDS
FOR TEACHERS



DOMAIN 1 CONTENT KNOWLEDGE AND PEDAGOGY

1.1.1. DEMONSTRATE CONTENT KNOWLEDGE AND ITS APPLICATION WITHIN AND/OR ACROSS CURRICULUM TEACHING AREAS.



The use of a tree diagram to explain outcomes and mastery in scientific notation, guiding a student through an example.





DOMAIN 1 CONTENT KNOWLEDGE AND PEDAGOGY

1.2.1. DEMONSTRATE AN UNDERSTANDING OF RESEARCH BASED KNOWLEDGE AND PRINCIPLES OF TEACHING AND LEARNING.

The organized classroom setting and structured questioning suggest the use of research-based principles of effective teaching and learning.





DOMAIN 1 CONTENT KNOWLEDGE AND PEDAGOGY

1.3.1. SHOW SKILLS IN THE POSITIVE USE OF ICT TO FACILITATE THE TEACHING AND LEARNING PROCESS.

Creating and sending of friendly themes ppt for the review of the students.

EXAMPLE 1

$$a = 4, b = 7, \text{ and } c = 2;$$

$$3a + b - c^2$$

$$3(4) + (7) - (2)^2$$

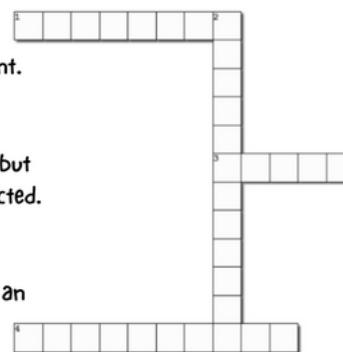
$$12 + 7 - 4$$

$$19 - 4$$

$$15$$

Across

1. The possible results of an experiment.
3. One or more of the outcomes of an experiment.
4. Activities that produce an outcome, but their results cannot be precisely predicted.



Down

2. The set of all possible outcomes of an experiment.



Scientific Notation to Standard Form

Exponent is **positive**

$$2.3 \times 10^6 = 2300000.$$


Decimal is moved 6 times to the right

Exponent is **negative**

$$2.3 \times 10^{-6} = 0.0000023$$


Decimal is moved 6 times to the left



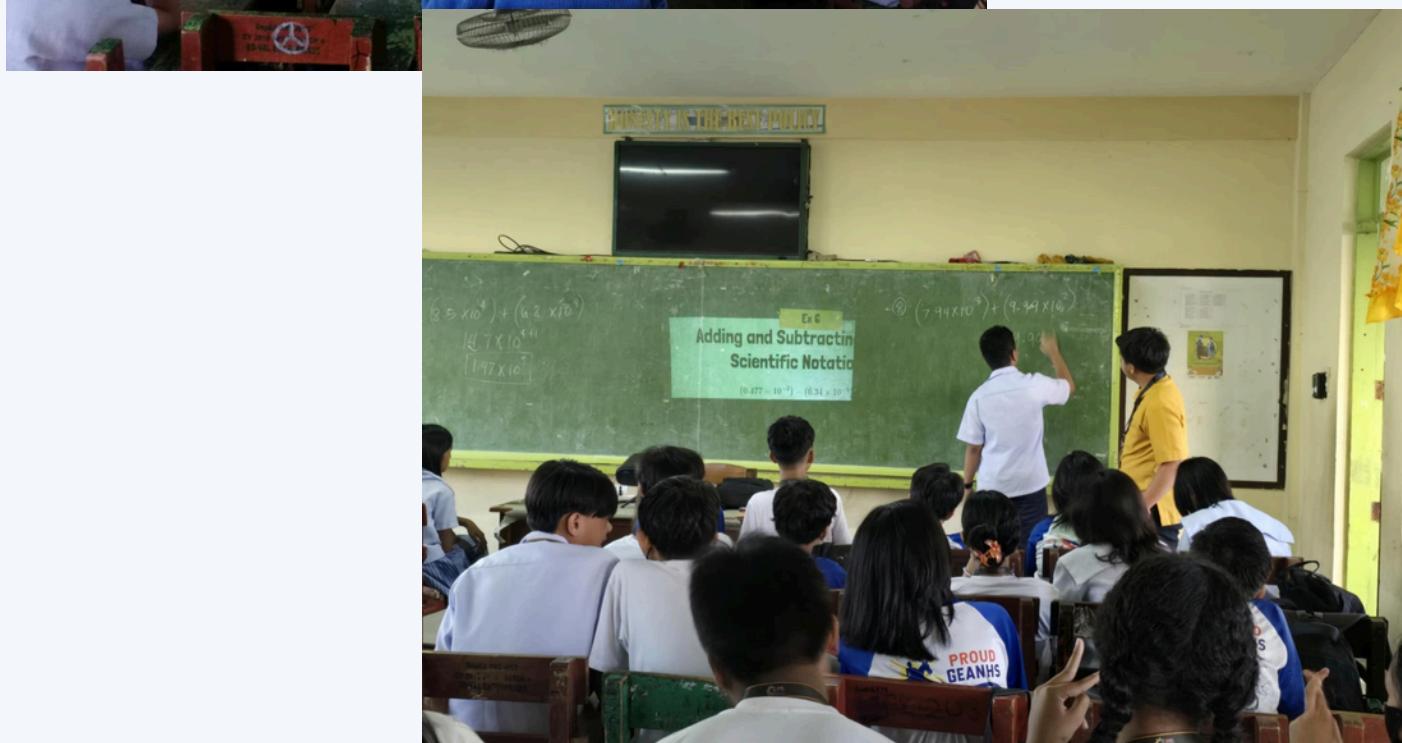


DOMAIN 1 CONTENT KNOWLEDGE AND PEDAGOGY

1.4.1. DEMONSTRATE KNOWLEDGE OF TEACHING STRATEGIES THAT PROMOTE LITERACY AND NUMERACY SKILLS



The activity involves probability, which promotes numeracy skills.





DOMAIN 1 CONTENT KNOWLEDGE AND PEDAGOGY

1.5.1. APPLY TEACHING STRATEGIES THAT DEVELOP CRITICAL AND CREATIVE THINKING, AND/OR OTHER HIGHER-ORDER THINKING SKILLS.



The interesting samples, raised hands, and student engagement imply the use of strategies that develop critical thinking or other higher-order thinking skills.





DOMAIN 1 CONTENT KNOWLEDGE AND PEDAGOGY

1.6.1. USE MOTHER TONGUE, FILIPINO AND ENGLISH TO FACILITATE TEACHING AND LEARNING.



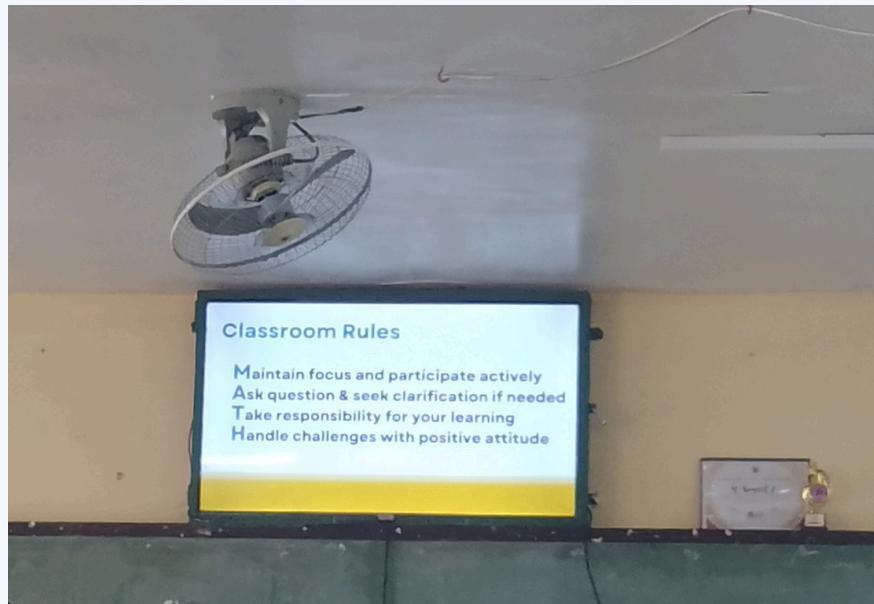
Sometimes, I'm using Filipino for the students to easy to understand the lesson





DOMAIN 1 CONTENT KNOWLEDGE AND PEDAGOGY

1.7.1. DEMONSTRATE AN UNDERSTANDING OF THE RANGE OF VERBAL AND NON-VERBAL CLASSROOM STRATEGIES THAT SUPPORT LEARNER UNDERSTANDING, PARTICIPATION, ENGAGEMENT AND ACHIEVEMENT.



Providing class rules sets authority in the classroom and having a routine helps in classroom management

