

GRADE 7 SCIENCE

CONTENT STANDARD: The learners demonstrate an understanding of classifying substances as elements or compounds.

PERFORMANCE STANDARD: The learners will be able to make a chart, poster, or multimedia presentation of common elements showing their names, symbols, and uses.

I. OBJECTIVES

At the end of the session, the students are expected to:

1. Classify elements based on their group or family.
2. Identify the different uses of different elements.
3. Make a poster of common elements showing their names, symbols, properties and uses.

II. CONTENT

Topic – Module 3 – Elements and Compounds

References

Code: **S7MT-Ie-f-4**

Teacher’s Guide pp. 17-27

Learner’s Module pp. 19-33

III. TASK

A. Routinary Activities

1. Putting class in order.
2. Opening Prayer
3. Greetings
4. Checking of Attendance
5. Review

B. Motivation

The class will be divided into five groups. Using the periodic table, students will identify the group/family of given elements. The group with the highest score will be the winner.

- a. Cesium
- b. Krypton
- c. Zinc
- d. Cadmium
- e. Radium

C. Lesson Proper

Hands-on

Out of the materials brought by students (bond papers, color pens/pencil, crayon, oil pastel, water color), they will make a poster showing a common element, it's symbol and uses.

Here are the criteria for poster making:

Neatness - 5

Content - 15

Creativity - 10

30 points.

Minds-on

What elements can you find at the different household materials?

Are there elements necessary for our everyday survival?

What are some of the uses of some elements?

Hearts-on

What is the importance of elements in our daily life?

Generalization

What is an element? How is it used in everyday life?

IV. EVALUATION

Each student will present their work in front of the class.

V. ASSIGNMENT

Be ready for a short quiz about elements and compounds.

Prepared by:

HANNA ELISE G. DE GUZMAN, LPT
Science Teacher

Noted by:

RAMIR D. ROMASANTA, LPT
Head Teacher III