

SRIBOONYANON SCHOOL
COURSE OUTLINE

Code: 22203
 Subject: English for Science 3
 Unit: 1.0
 Class: Mathayom 2/10-11
 Semester: First
 Year: 2016
 Teacher's Name: Mary Jean H. Galleros
 Ratio: 80:20

Learning Objectives:

At the end of the term the students will be able to:

1. Differentiate element from compound.
2. Discuss the Periodic Table of elements.
3. Identify chemical symbols and formulas of some substances.
4. Recite chemical symbols of elements.
5. Explain mixture and give examples.
6. Conduct simple experiments to show mixture using stirring, shaking and dissolving methods.
7. Demonstrate common separation techniques.
8. Distinguish physical from chemical change.
9. Solve and balance some chemical equations.

Unit	Content/Keyword	Period	Evaluation	Student's Tasks
1	1. Elements and Compounds 2. Chemical Symbols and Formulas 3. Mixtures (L. Objectives #1-5)	3 4 3	Worksheets Quizzes Recitation Practical Exam Midterm Test - 20pts } 30 pts	Collect some pictures for element and compound. <ul style="list-style-type: none"> • Recite some chemical symbols and chemical names. • Do simple experiments on mixtures.
2	1. Separation Techniques 2. Physical and Chemical Changes	3 4	Worksheets Quizzes Oral Recitation } 30pts.	<ul style="list-style-type: none"> • Demonstrate some simple separation techniques. • Conduct simple experiments on physical and chemical change. • Answer worksheets

	3. Balancing Chemical Equations (L. Objectives #6-9)	3	Final Exam – 20 pts.	individually or by group. • Balance chemical equations.
Midterm				80 points
Final				20 points
Total				100 points

Prepared:

MS. MARY JEAN H. GALLEROS
Science Teacher