



**Grades 1 to 12
DAILY LESSON LOG**

School
Teacher
Teaching Dates and Time

Week 1 (June 5-9, 2017)

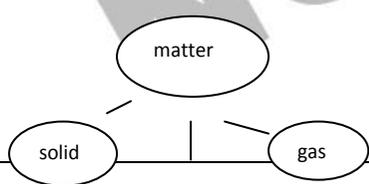
Grade Level Grade VI
Learning Area Science
Quarter First Quarter

	Monday	Tuesday	Wednesday	Thursday	Friday
I. OBJECTIVES	June 5	June 6	June 7	June 8	June 9
A. Content Standards	The learners demonstrate understanding of different types of mixtures and their characteristics				
B. Performance Standards	The learners should be able to prepare beneficial and useful mixtures such as drinks, food, and herbal medicines.				
C. Learning Competencies/ Objectives Write the LC code for each	Describe the appearance and uses of uniform and non-uniform mixtures. S6MT-1a-c-1				
	Recall the states of matter	Describe the appearance of mixtures formed	Describe the appearance of mixtures formed	Describe the appearance of mixtures formed	Identify more examples of mixtures formed
II. CONTENT	Matter and Three Physical States of Matter	Mixtures : Introduction	Mixtures: Experimentation	Mixtures: Presentation of Data of the Experiment	Heterogeneous and Homogeneous Mixtures Examples
III. LEARNING RESOURCES					
A. References					
1. Teacher's Guide pages					
2. Learner's					

Materials pages					
3. Textbook pages					
4. Additional Materials from Learning Resource (LR) portal			BEAM 4. 5 Explain what happens after Mixing Materials. Learning Guides. Mix it Up. July 2009. pp. 5-7.		
B. Other Learning Resources					
IV. PROCEDURES					
A. Reviewing previous lesson or presenting the new lesson	<p>Teacher's Instruction <i>Picture Analysis.</i> The teacher should show three pictures referring to solid, liquid and gas. Pictures may be: a. wood (solid) b. water in a container (liquid) c. smoke (gas)</p> <p>Guide Questions: 1. What can you observe/see in the pictures given? 2. What could be the relationship of the three pictures?</p>	<p>Teacher's Instruction <i>Activity 1.1 Pinoy Henyo.</i> The teacher will use the activity as guide.</p> <p>Use the terms used from the previous lesson such as solid, liquid, gas, matter and more.</p>	<p>Teacher's Instruction <i>Classroom Discussion.</i> The students will share their reflection and insights about the previous lesson.</p>	<p>Teacher's Instruction <i>Recitation.</i> The students will recall the activity from the previous lesson.</p>	<p>Teacher's Instruction <i>Activity 1.4 Mix and Match.</i> The teacher will use the activity as guide.</p> <p>Use the terms used from the week's lesson such as solid, liquid, gas, mixtures and other related terms.</p>
B. Establishing a purpose for the	Question of the day:	Question of the day:	Teacher's Instruction	Question of the day:	Question of the day:

<p>lesson</p>	<p>What are the three physical states of matter and what do you know about the three?</p>	<p>What will happen if you combine solid matter to another solid matter, solid matter to a liquid matter and so on?</p>	<p>The teacher will tell that they will further investigate mixtures through experimentation.</p>	<p>What are the results of your experiment yesterday?</p>	<p>Aside from the examples from the previous lessons, what other examples of mixtures can you identify?</p>			
<p>C. Presenting examples/instances of the new lesson</p>	<p>Teacher's Instruction</p> <p>Solicit ideas of the student's previous lesson by using the KWL chart on the three physical states of matter. Provide Answer Sheets or let the students copy the format in their notebooks. Let the students answer the first two columns : What you KNOW? and What you WANT to know more?</p> <p><i>Student's Answer Sheet</i> Topic: Three Physical States of Matter</p> <table border="1" data-bbox="412 1209 882 1404"> <tr> <td data-bbox="412 1209 582 1404"> <p>What you KNOW?</p> </td> <td data-bbox="582 1209 696 1404"> <p>What you WANT to know</p> </td> <td data-bbox="696 1209 882 1404"> <p>What You have LEARNED?</p> </td> </tr> </table>	<p>What you KNOW?</p>	<p>What you WANT to know</p>	<p>What You have LEARNED?</p>	<p>Teacher's Instruction</p> <p>Activity 1.2 Mystery Combinations. The teacher may provide the answer sheets or let them write in their notebooks.</p>	<p>Teacher's Instruction</p> <p>Activity 1.3: Mix It Up! Use BEAM Mix it up 3.1 only or activity sheet.</p> <p>The teacher will ask the students to prepare the materials.</p>	<p>Teacher's Instruction</p> <p><i>Groupwork Presentation.</i> The students will present their outputs.</p> <p>The Presentation Rubrics will be used. Please see Rubrics 1.1.</p>	<p>Teacher's Instruction</p> <p><i>Sing an Action Song:</i> Song: Fruit Salad "Watermelon, Watermelon Papaya, Papaya, Banana, Banananan Fruit Salad, Fruit Salad"</p> <p>Guide question: What type of mixture is Fruit Salad?</p>
<p>What you KNOW?</p>	<p>What you WANT to know</p>	<p>What You have LEARNED?</p>						

	1.Matter 2.State of matter	more?											
D. Discussing new concepts and practicing new skills #1	<p>Teacher's Instruction Direct Instruction.</p> <p>Teacher's Concept:</p> <p>Matter is anything that occupies space and has mass. The three physical states of matter are solid, liquid and gas. Solids have definite volume and shape. Liquids have definite volume but no definite shape and takes the shape of the container. Gases have no definite shape and volume.</p>	<p>Teacher's Instruction Interactive Lecture in Classroom Discussion. The teacher will discuss the previous activity and input lesson through recitation.</p>	<p>Teacher's Instruction Development of Data. The students will prepare the following information regarding the Activity 1.3.</p>	<p>Teacher's Instruction Direct Instruction. The teacher points out important information from the experiment done.</p> <p>Teacher's Concept:</p> <p>A mixture forms when two or more substances are combined such that each substance retains its own chemical identity. A homogeneous</p>	<p>Teacher's Instruction <i>Class Discussion.</i> The teacher prepares several examples of heterogeneous and homogeneous mixtures. Examples, smoke, air, smog, halo-halo, orange juice, coffee drink, tea drink and other examples</p> <table border="1" data-bbox="1648 746 2125 908"> <thead> <tr> <th>Heterogeneous</th> <th>Homogeneous</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table>	Heterogeneous	Homogeneous						
Heterogeneous	Homogeneous												

				mixture has a single phase and a heterogeneous mixture has two or more phases.	
E. Discussing new concepts and practicing new skills #2					
F. Developing mastery (leads to Formative Assessment 3)					
G. Finding practical applications of concepts and skills in daily living					
H. Making generalizations and abstractions about the lesson	<p>Teacher's Instruction <i>Concept Webbing.</i> The teacher will ask the students to give their summary of what they learned from the lesson. Ask the students to attach it on the following diagram.</p> 	<p>Teacher's Instruction <i>Story Wheel.</i> The teacher will ask the students to give their summary of what they learned from the lesson.</p>	Continuation of the Experiment/Activity 1.3	<p>Teacher's Instruction <i>Concept Hat.</i> The teacher will ask the students to write their final concept and ideas on the cards/sheet of papers and place it on a</p>	<p>Teacher's Instruction <i>Fill in.</i> The teacher will present the structure that the students will answer.</p> <p>Example The _____ is an example of (heterogeneous/homogeneous) mixture because it is a combination of _____ which is (solid, liquid ,gas) and _____ which is (solid,</p>

	<p style="text-align: center;">liquid</p>	<p>Spin the story wheel. Note: The story should be prepared before the lesson.</p>  <p>The story wheel should contain important terms.</p>		<p>paper hat. Students share their concept/learning and wears the hat.</p>	<p>liquid, gas) that is (single /more than one) phase.</p>
<p>I. Evaluating learning</p>	<p>Teacher's Instruction <i>KWL chart.</i> Let the students answer the last column of the chart or what you have learned?</p>	<p>Teacher's Instruction <i>Reflection Log.</i> The students will write their reflection on the lesson.</p>	<p>Continuation of the Experiment/Activity 1.3</p>	<p>Teacher's Instruction <i>Laboratory Sheet.</i> The students should submit their laboratory sheet.</p> <p>The Laboratory rubric will be</p>	<p>Teacher's Instruction <i>Poster Making.</i> The students create a poster showing examples of mixture.</p> <p>Use Rubric 1.3 on Poster Making</p>

				used to grade their output. Rubric 1.2	
J. Additional activities for application or remediation					
V. REMARKS					
VI. REFLECTION					
A. No. of learners who earned 80% in the evaluation					
B. No. of learners who require additional activities for remediation					
C. Did the remedial lessons work? No. of learners who have caught up with the lesson					
D. No. of learners who continue to require remediation					
E. Which of my teaching strategies worked well? Why did these work?					
F. What difficulties did I encounter which my					

principal or supervisor can help me solve?					
G. What innovation or localized materials did I use/discover which I wish to share with other teachers?					

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