



**GRADES 1 to 12
DAILY LESSON LOG**

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| School: | Visit DepEdResources.com for More | Grade Level: | III |
| Teacher: | File Created by Sir LIONELL G. DE SAGUN | Learning Area: | SCIENCE |
| Teaching Dates and Time: | SEPTEMBER 16 - 20, 2024 (WEEK 8) | Quarter: | 1 ST QUARTER |

| | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
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| I. OBJECTIVES | | | | | |
| A. Content Standard | The learners demonstrate understanding of temperature on materials | | | | |
| B. Performance Standard | The learners should be able to investigate the different changes in materials as affected by temperature. | | | | |
| C. Learning Competency/Objectives Write the LC code for each. | Describe what happens to the air inside the balloon/bottle when heated. S3 MT-I-h-j 4 | Describe what happens to the air inside the balloon/bottle when cooled. S3 MT-I-h-j 4 | Infer that each state of matter has its own properties Describe solids according to (hardness, brittleness) S3 MT-I-h-j 4 | Infer that each state of matter has its own properties Describe solids according to (strength, and malleability) S3 MT-I-h-j 4 | Pupils should be able to answer the questions correctly. |
| II. CONTENT | | | | | |
| | What Happens to the Balloon When Heated | What Happens to the Balloon When Cooled | Different Solids have Different Properties | Other Properties of Matter | Summative Test |
| III. LEARNING RESOURCES | | | | | |
| D. References | | | | | |
| 1. Teacher's Guide pages | | | | | |
| 2. Learner's Materials pages | | | | | |
| 3. Textbook pages | | | | | |
| 4. Additional Materials from Learning Resource (LR)portal | | | | | |
| E. Other Learning Resource | | | | | |
| | | Video (youtube) | Pictures: plate, glass | Ring, bracelet | |
| IV. PROCEDURES | | | | | |
| A. Reviewing previous lesson or presenting the new lesson | What happens to the Naphthalene Balls when heated? | What happens to the balloons when heated? | What are the things found in the kitchen? | Review on some properties of solids like hardness and brittleness | Short review on the topics discussed |
| B. Establishing a purpose for the lesson | Have you noticed vendors selling balloons during fiesta? | Show a shrink balloon. What do you think happen to this balloon? | Present pictures in the LM; Try and See p. 139 Identify the materials | Present the pictures of objects that are strong and some that are malleable | Prepare the pupils for the test |
| C. Presenting examples/Instances of the new lesson | If the vendor will stay under the sun for a long time and the balloons were exposed to heat, What do you think will happen to the balloons? | Present the activity as a reverse of the activity yesterday | What are the properties of solids in the picture? | Let them identify the objects | Give directions and an example |

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| D. Discussing new concepts and practicing new skills # 1 | Group the class into 4. Give them materials needed and other necessary instructions | Give questions as a guide in answering and observing the activity. | Explain other properties of matter such as brittleness and malleability. | Discuss some properties like strength and malleability Ex. Ring, rope, steel, jewelries | Let them start reading and answering the test or let them listen to the test questions. |
| E. Discussing new concepts and practicing new skills # 2 | Performing and observing the activity by group. | Guide them to observe the activity, using the balloons previously used. | Testing the properties of some available materials | Name objects that are strong. Name objects that are malleable | Answer the questions: 1. When the air is heated, it will _____. 2. When the air was cooled it will _____. 3. The ability of materials that can be shaped and pounded is called _____. 4. The ability of objects that easily broken is _____. |
| F. Developing mastery (leads to Formative Assessment 3) | Reporting of outputs. | | | | |
| G. Finding practical application of concepts and skills in daily living | Why does the hot air balloons expand? | When heat decreases in temperature, what will happen to the balloons? | Groupings: | Game: | |
| H. Making generalizations and abstractions about the lesson | What happens to the air inside the balloon when heated? As the air inside the balloon heats up, air starts to expand making also the balloon to expand | What happens to the air inside the balloon when cooled? As the air inside the balloon cools down, air starts to contract making also the balloon to shrink | What are the other properties of some solids? | What are the properties of some materials/solids? | Original File Submitted and Formatted by DepEd Club Member - visit depedclub.com for more |
| I. Evaluating learning | Process their outputs and their responses to the questions. | Process their outputs and their responses to the questions. | Write T if it is true and write F if it is false. See TG p. 123 | What are the properties of some solids that you have learned today? | Checking of their answers. Record their scores. |
| J. Additional activities for application or remediation | Draw the process of gas in the environment. | Cut pictures of solids with different characteristics. | Cut pictures of solids that is easy to brittle. | Make an album of solids that you learned today. | Let them prepare for the next lesson. |
| V. REMARKS | | | | | |
| VI. REFLECTION | | | | | |
| A. No. of learners who earned 80% in the evaluation | | | | | |
| B. No. of learners who require additional activities for remediation who scored below 80% | | | | | |

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| 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? | |