

**Table of Specifications: General Science, Quarter 1**

| Learning Competency                                                                                                   | Cognitive Level             | No. of Items | Item Placement                                  |
|-----------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------|-------------------------------------------------|
| <b>1. Physics in Daily Life:</b><br>Identify ways physics enhances quality of life (household, health, safety, etc.). | Remembering / Understanding | 4            | Multiple Choice: 1,<br>Short Explanation: 41    |
| <b>2. Motion Comparison:</b><br>Compare and contrast translational and rotational motion.                             | Understanding / Analyzing   | 4            | Multiple Choice: 3, 4<br>Identification: 31, 32 |
| <b>3. Motion Demonstration:</b><br>Relate linear/angular quantities to human movement and ergonomic design.           | Applying                    | 2            | Multiple Choice: 5                              |
| <b>4. Machine Design:</b> Apply motion concepts to design efficient simple and compound machines.                     | Evaluating / Creating       | 2            | Short Explanation: 42                           |
| <b>5. Machine Efficiency:</b><br>Explain the characteristics of efficient simple and compound machines.               | Understanding / Applying    | 4            | Multiple Choice: 6, 7<br>Short Explanation: 43  |

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| <b>6. Hydraulics:</b> Explain how hydraulic systems use fluid principles to enhance machines.          | Remembering / Applying      | 4 | Multiple Choice: 8, 9<br>Identification: 33, 34                                    |
| <b>7. Fluid Principles:</b> Identify applications of Archimedes' and Pascal's principles.              | Remembering / Understanding | 4 | Multiple Choice: 10, 11 Short Explanation: 44                                      |
| <b>8. Buoyancy Experiment:</b> Design activities to determine how physical properties affect floating. | Creating                    | 2 | Short Explanation: 45                                                              |
| <b>9. Electrical Safety:</b> Discuss safety practices for electrical hazards.                          | Remembering / Applying      | 6 | Multiple Choice: 12, 13, 14<br><br>Identification: 35, 36<br>Short Explanation: 46 |
| <b>10. Energy Conservation:</b> Propose ways to minimize energy loss and wastage.                      | Applying / Creating         | 6 | Multiple Choice: 15, 16, 17 Identification:<br><br>Short Explanation: 47, 48       |
| <b>11. Light &amp; Sound Properties:</b> Discuss properties of light and sound waves in technology.    | Understanding / Analyzing   | 6 | Multiple Choice: 18, 19, 20<br><br>Identification: 38, 39<br>Short Explanation: 49 |

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| <b>12. Light &amp; Sound Innovations:</b> Identify innovations like soundproofing, LEDs, lasers, etc. | Remembering / Understanding | 6         | Multiple Choice: 21, 22, 23, 24, 25<br>Identification: 40<br>Short Explanation: 50 |
| <b>TOTAL</b>                                                                                          |                             | <b>50</b> |                                                                                    |

Avail of our complete set of our Daily Lesson Log (DLL) for the **Strengthened Senior High School Curriculum**. All DLL are guaranteed aligned with the new SHS curriculum and patterned with the Lesson Exemplars and Learning Activity Sheets (LAS) officially released by the Department of Education (DepED). If you are interested, please message us in our Facebook Page – [www.facebook.com/depedtambayanph](https://www.facebook.com/depedtambayanph)

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