

# BASIC 7

## WEEKLY LESSON PLAN – WEEK 2

<b>Learning Indicator(s)</b>	B7.4.3.1		
<b>Performance Indicator</b>	B7.4.3.1.2 Demonstrate the conversion of energy into useable forms		
<b>Week Ending</b>	23-09-2022		
<b>FORM</b>	B.S.7		
<b>Subject</b>	Integrated Science		
<b>Reference</b>	Curriculum, Teachers Resource Pack, Learners Resource Pack.		
<b>Teaching / Learning Resources</b>	Textbook, Pictures, Video player, Word Chart.		
<b>DAYS</b>	<b>PHASE 1 : STARTER</b>	<b>PHASE 2: MAIN</b>	<b>PHASE 3: REFECTION</b>
<b>MONDAY 19-09-2022</b>	Learners brainstorm to explain the use of Conversion of Energy in everyday life.	<ol style="list-style-type: none"> <li>1. Discuss with Learners the types of Conversion of Energy.</li> <li>2. Demonstrate the Conversion of Energy to various forms.</li> <li>3. Learners in small group to identify examples of energy transfer.</li> </ol> <p><b>Forms of Energy;</b></p> <ol style="list-style-type: none"> <li>1. Mechanical</li> <li>2. Chemical</li> <li>3. Electrical</li> <li>4. Electromagnetic</li> <li>5. Thermal</li> <li>6. Sound</li> <li>7. nuclear energy.</li> <li>8. motion energy</li> <li>9. elastic energy</li> </ol>	<p><b>Core Competencies;</b></p> <ol style="list-style-type: none"> <li>1. Interpret and apply learning in new context</li> <li>2. Recognise and generalise information and experience; search for trends and patterns</li> <li>3. Reflect on work and explore</li> </ol>

		<p>10. gravitational energy</p> <p><b>Types of Energy</b></p> <p>energy conversion, the transformation of energy from forms provided by nature to forms that can be used by humans.</p>	<p>thinking behind thoughts and processes</p>
<p><b>THURSDAY</b> <b>22-09-2022</b></p>	<p>Discuss reasons for Conserving Energy with the Learners.</p>	<ol style="list-style-type: none"> <li>1. Learners in small groups to explain why energy should be conserved.</li> <li>2. Learners individually describe how Energy Conserved can be done for the benefit of humans and other life forms.</li> </ol> <p><b>Reasons To Conserve Energy</b></p> <ol style="list-style-type: none"> <li>1. Reduce Living Expenses. Saving energy usually reduces living expenses.</li> <li>2. Benefits The Environment and Protects Wildlife. Less consumption benefits the environment and protects wildlife.</li> <li>3. Less Power Plants.</li> <li>4. Promote Health.</li> <li>5. Reduce Dependence.</li> <li>6. Finite Resources.</li> <li>7. Make A Positive impact.</li> </ol>	<p><b>Core Competencies;</b></p> <ol style="list-style-type: none"> <li>1. Reflect on work and explore thinking behind thoughts and processes .</li> <li>2. Ability to ascertain when information is needed and be able to identify, locate, evaluate and effectively use them.</li> <li>3. Ability to combine Information and ideas from several sources to reach a conclusion</li> <li>4. Explain ideas in a clear order with relevant detail .</li> </ol>

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