

# Rubric for Science Learning Log/Journal

Skills	Level 1	Level 2	Level 3	Level 4
<p><b>Knowledge and Understanding:</b></p> <ul style="list-style-type: none"> <li>• knowledge and understanding of energy</li> <li>• identify a variety of energy forms</li> <li>• identify renewable and non-renewable sources of energy</li> </ul>	<ul style="list-style-type: none"> <li>• demonstrates limited knowledge and understanding of energy</li> <li>• identifies a variety of energy forms with limited effectiveness</li> <li>• identifies renewable and non-renewable sources of energy with limited effectiveness</li> </ul>	<ul style="list-style-type: none"> <li>• demonstrates some knowledge and understanding of energy</li> <li>• identifies a variety of energy forms with some effectiveness</li> <li>• identifies renewable and non-renewable sources of energy with some effectiveness</li> </ul>	<ul style="list-style-type: none"> <li>• demonstrates considerable knowledge and understanding of energy</li> <li>• identifies a variety of energy forms with considerable effectiveness</li> <li>• identifies renewable and non-renewable sources of energy with considerable effectiveness</li> </ul>	<ul style="list-style-type: none"> <li>• demonstrates thorough knowledge and understanding of energy</li> <li>• identifies a variety of energy forms with a high degree of effectiveness</li> <li>• identifies renewable and non-renewable sources of energy with a high degree of effectiveness</li> </ul>
<p><b>Communication:</b></p> <ul style="list-style-type: none"> <li>• express and organize ideas and information</li> <li>• communicate with different audiences and for a variety of purposes</li> <li>• use appropriate scientific vocabulary and terminology</li> </ul>	<ul style="list-style-type: none"> <li>• expresses and organizes ideas and information with limited effectiveness</li> <li>• communicates for different audiences and purposes with limited effectiveness</li> <li>• uses scientific vocabulary and terminology with limited effectiveness</li> </ul>	<ul style="list-style-type: none"> <li>• expresses and organizes ideas and information with some effectiveness</li> <li>• communicates for different audiences and purposes with some effectiveness</li> <li>• uses scientific vocabulary and terminology with some effectiveness</li> </ul>	<ul style="list-style-type: none"> <li>• expresses and organizes ideas and information with considerable effectiveness</li> <li>• communicates for different audiences and purposes with considerable effectiveness</li> <li>• uses scientific vocabulary and terminology with considerable effectiveness</li> </ul>	<ul style="list-style-type: none"> <li>• expresses and organizes ideas and information with a high degree of effectiveness</li> <li>• communicates for different audiences and purposes with a high degree of effectiveness</li> <li>• uses scientific vocabulary and terminology with a high degree of effectiveness</li> </ul>
<p><b>Application:</b></p> <ul style="list-style-type: none"> <li>• making connections between science, technology, society, and the environment</li> <li>• applies knowledge and skills in familiar contexts</li> </ul>	<ul style="list-style-type: none"> <li>• makes connections between science, technology, society, and the environment with limited effectiveness</li> <li>• applies knowledge and skills in familiar contexts with limited effectiveness</li> </ul>	<ul style="list-style-type: none"> <li>• makes connections between science, technology, society, and the environment with some effectiveness</li> <li>• applies knowledge and skills in familiar contexts with some effectiveness</li> </ul>	<ul style="list-style-type: none"> <li>• makes connections between science, technology, society, and the environment with considerable effectiveness</li> <li>• applies knowledge and skills in familiar contexts with considerable effectiveness</li> </ul>	<ul style="list-style-type: none"> <li>• makes connections between science, technology, society, and the environment with a high degree of effectiveness</li> <li>• applies knowledge and skills in familiar contexts with a high degree of effectiveness</li> </ul>

BLM 1.2.i



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