

# BLM – From the Outside In: Biological Effects of Radiation

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Class: \_\_\_\_\_

## Radiation in the Body Rubric

	<b>Level 1</b> <i>The student:</i>	<b>Level 2</b> <i>The student:</i>	<b>Level 3</b> <i>The student:</i>	<b>Level 4</b> <i>The student:</i>
<b>Knowledge and Understanding</b>				
Understanding of how ionizing radiation enters the body and the type of damage ionizing radiation can do to cells and DNA	Demonstrates limited understanding of ionizing radiation and its effects on the body	Demonstrates some understanding of ionizing radiation and its effects on the body	Demonstrates considerable understanding of ionizing radiation and its effects on the body	Demonstrates a thorough understanding of ionizing radiation and its effects on the body
<b>Thinking and Investigation</b>				
Use of processing skills and strategies (e.g. gathering and recording of data and evidence)	Uses processing skills and strategies with limited effectiveness	Uses processing skills and strategies with some effectiveness	Uses processing skills and strategies with considerable effectiveness	Uses critical/creative thinking processes, skills and strategies with a high degree of effectiveness
<b>Communication</b>				
Organization and expression of information (clear expression and logical organization)	Organizes and expresses information with limited effectiveness	Organizes and expresses information with some effectiveness	Organizes and expresses information with considerable effectiveness	Organizes and expresses information with a high degree of effectiveness
Communication for the purpose of visual representation (e.g. diagrams, graphics and media used effectively)	Communicates visually with limited effectiveness	Communicates visually with some effectiveness	Communicates visually with considerable effectiveness	Communicates visually with a high degree of effectiveness
<b>Application</b>				
Making connections between science, technology and society (assessing the impact of ionizing radiation on human health)	Makes connections with limited effectiveness	Makes connections with some effectiveness	Makes connections with considerable effectiveness	Makes connections with a high degree of effectiveness