



Scoring Rubric: The Universe Rated R!

Scoring Criteria	1 Attempted Demonstration	2 Partial Demonstration	3 Proficient Demonstration	4 Distinguished Demonstration
<p>Content Knowledge Describe the changing nature of the universe, including violent and catastrophic activity</p>	<p>Student attempts to provide an overview of the constantly changing universe and may include at least one example of a violent/catastrophic event with or without graphics that may not clearly support the description. Description is unclear and/or missing important information and/or contains major errors.</p>	<p>Student provides a partial overview of the constantly changing universe and provides at least one example of a violent/catastrophic event and includes at least one supporting graphic. There may be minor flaws.</p>	<p>Student provides an accurate and clear overview of the constantly changing universe and provides two examples of violent/catastrophic events and includes 2 supporting graphics.</p>	<p>Student provides an accurate, thorough and detailed overview of the constantly changing universe and provides 2 or more examples of violent/catastrophic events with rich and vivid detail, and includes more than 2 supporting graphics. Sophisticated concepts are addressed and described with clarity</p>
<p>Content Knowledge Describe a cosmic object or event</p>	<p>Student attempts to provide a description of a particular cosmic object or event and may include graphics. Major errors or gaps may be evident or the event or object selected may not match the topic of the program.</p>	<p>Student provides a partial description of a particular cosmic object or event and includes at least 2 supporting graphics. There may be minor errors.</p>	<p>Student provides an accurate and complete description of a particular cosmic object or event and includes 3 supporting graphics.</p>	<p>Student provides an accurate, and thorough description, with rich and vivid detail, of a particular cosmic object or event. Description shows sophisticated understanding and includes more than 3 supporting graphics.</p>
<p>Understandings of Inquiry Describe technology scientists use to collect data about the universe.</p>	<p>Student attempts to describe the technology used to study the universe or the type of data generated. There may be major gaps and/or flaws.</p>	<p>Student partially describes the technology used to study the universe and the type of data generated. There may be minor flaws.</p>	<p>Student accurately and completely describes the technology used to study the universe and the type of data generated.</p>	<p>Student thoroughly and accurately describes, in detail, the technology used to study the universe and the type of data generated. Student shows a sophisticated understanding of the technology and the data collected.</p>
<p>Communication Communicate scientific information accurately and effectively.</p>	<p>Student attempts to communicate the importance and/or impact of scientific and/or technological developments. Terminology is difficult to understand, inappropriate, and/or communication is generally not comprehensible to the general public.</p>	<p>Student partially communicates the importance and/or impact of scientific and/or technological developments. Some scientific terminology is used that may be difficult for the public to understand and/or some communication is vague and/or unclear to the general public.</p>	<p>Student communicates the importance and impact of scientific and technological developments, with appropriate language and in a way that is generally comprehensible to the general public.</p>	<p>Student accurately communicates the importance and impact of scientific and technological developments, with appropriate language and in a way that is highly comprehensible to the general public.</p>