



SCI 100 Scientist and Milestone Discoveries Discussion Rubric
Theme: Understanding Scientific Developments

Prompt: In this discussion spanning **Weeks 5 and 6** in **Theme: Understanding Scientific Developments**, you will discuss about scientists and milestone discoveries. **In Week 5**, watch the video and read the article in **learning block 5-3**, consider what scientist and milestone scientific discovery helped pave the way for the natural science topic you identified in your news story in Theme: Understanding the Scientific Process. Provide a response to the following questions in your initial post:

1. Identify the major historical scientific discovery that is the foundation for the natural science news story you have examined throughout the course. You may find the background information for this in the course materials in previous learning blocks. If you find that you need to conduct your own research, you can do so using the resources provided in Theme: Understanding the Scientific Process.
2. Provide a brief (2- to 3-sentence) summary of the scientist who made the historical scientific discovery you identified in the first question. Use examples from your news story to show how this historical scientific discovery impacts our world today.

In **Week 6**, you will be prompted to respond to two of your peers' initial posts. When responding to your peer's post, consider how the work of the scientists they chose has influenced the modern world. Why does their research matter to us as individuals? Are there any connections to the natural-science topic you identified in your news article?

Requirements for Discussion Board Assignments

Students are required to post one initial post in Week 5 and to follow up with at least two response posts in Week 6.

For your initial post (1), you must do the following:

- Compose a post of one to two paragraphs.
- In Week 5, complete the initial post by Sunday at 11:59 p.m. of your local time zone.
- Take into consideration material such as course content and other discussion boards from the current module and previous modules, when appropriate (*make sure you are using proper citation methods for your discipline when referencing scholarly or popular resources*).

For your response posts (2), you must do the following:

- Reply to at least two different classmates outside of your own initial post thread.
- In Week 6, complete the two response posts by Sunday at 11:59 p.m. of your local time zone.
- Demonstrate more depth and thought than simply stating that "I agree" or "You are wrong." *Guidance is provided for you in each discussion prompt.*

Critical Elements	Proficient (100%)	Needs Improvement (85%)	Not Evident (0%)	Value
Discovery	Identifies the major historical scientific discovery that is the foundation for the news article's natural science topic	Identifies the major historical scientific discovery that is the foundation for the news article's natural science topic, but description is unclear or inaccurate	Does not identify the major historical scientific discovery that is the foundation for the news article's natural science topic	30
Summary	Provides a summary of the scientist who made the historical scientific discovery	Provides a summary of the scientist who made the historical scientific discovery, but summary is unclear or inaccurate	Does not provide a summary of the scientist who made the historical scientific discovery	25
Engagement	Provides relevant and meaningful response posts with clarifying explanation and detail	Provides relevant response posts with some explanation and detail	Provides response posts that are generic with little explanation or detail	25
Communicates Clearly	Clearly communicates key ideas and thoughts in a discussion post	Response needs clarification in order to support understanding of key ideas and thoughts	Key ideas or thoughts are not understandable	20
Total				100%