



Scientific Discoveries Essay Grading Rubric

Using the information on your timeline, choose at least two scientific discoveries that are related to one another.

Write a three-paragraph essay response that includes:

- a description of the background information on each discovery (date, name, description, scientist who made the discovery)
- how the discoveries are related to one another
- how these discoveries have impacted the field of biology in today's society

Your response will be graded based on the rubric below (attach to final essay).

Points possible	5	3	1 or 0
Information about scientific discoveries	My essay includes at least two scientific discoveries and describes the background information about each including date, name, description, and names of scientists.	My essay includes a full description of only one scientific discovery, or has missing or incomplete information about two or more discoveries.	My essay has missing or incomplete information about one scientific discovery, or does not include the background information about discoveries at all.
How the discoveries are related to one another	My essay includes a paragraph describing how the two discoveries are related to one another, using an outside source to support my ideas.	My essay includes less than a paragraph or does not use another source to support ideas.	My essay does not include any information about how the discoveries are related to one another.
Impact of discoveries on the field of biology in today's society	My essay includes a paragraph describing the impact of these two discoveries on the field of biology in today's society, using an outside source to support my ideas.	My essay includes less than a paragraph or does not use another outside source to support ideas.	My essay does not include any information about how these discoveries have impacted biology today.
Structure and mechanics of essay	My essay is well organized into 3 paragraphs using topic sentences, and has little or no grammatical errors	My essay is somewhat organized, although may be missing topic sentences or have many grammatical errors.	My essay does not include 3 paragraphs and has many grammatical errors.

TOTAL POINTS = /20