

DIRECTIONS: A 3-6 page paper on a biology related movie.

1. Papers will be graded on the basis of science content, **analysis of science** facts, depth of research, clarity of content, and the use of standard spelling and grammar.
2. The discussion can include your opinions – but back opinions with verifiable facts.
3. **ANALYZE do not SUMMARIZE.** The first paragraph may summarize the idea of the book and major themes discussed in it, but the rest should analyze the science behind the story. Last paragraph conclude how reasonable the science is.
4. Word processed, double spaced, 12 pt font, 1 inch margins
5. Proper grammar, punctuation, and spelling (Please proofread).
6. For any referencing, use the APA system.
7. Do NOT plagiarize.
8. **Due a week before the end of 2<sup>nd</sup> Quarter**

I expect that the majority of reports will be turned in the week following Winter Break.

List of Suggested Movies: (Others should be passed by Mr. Schmid)

And the band played on

Arctic Tale

Evolution

The Eye

Inner Space

Jurassic Park

Multiplicity

Osmosis Jones

Outbreak

Species

Erin Brockovich

Hoot

The 11<sup>th</sup> Hour

An Inconvenient Truth

The Andromeda Strain

Awakenings

Fly Away Home

Gorillas in the Mist

The Island

Lorenzo's Oil

Never Cry Wolf

Too Hot Not to Handle

Name \_\_\_\_\_

**Biology in the Movies Scientific Analysis Rubric**

<b>Criteria</b>	<b>Advanced</b>		<b>Proficient</b>		<b>Emerging</b>
<b>Introduction</b>	The first paragraph summarizes the idea of the movie and introduces major themes.		The first paragraph summarizes the idea of the movies.		The writer fails to summarize the idea of the movie in the first paragraph or only summarizes throughout the report.
<b>Science Content</b>	Besides the first paragraph, the paper analyzes the science content. Discussing major themes and ideas; uses research to support or disagree.		The writer discusses major themes and ideas but often fails to analyze them for their validity. May use supporting materials.		The writer only discusses ideas and fails to analyze any for their validity.
<b>Ideas &amp; Content</b>	Writer makes insightful judgment about the science and provides at least one quote per body paragraph or description of what happens in the movie that contains a set-up and explanation to thoroughly support the writer's thesis. This is most definitely a review of the science and not a movie summary.		Writer makes an accurate, but often factual judgment and provides at least one quote per body paragraph or description of what happens in the movie that contains a set-up and explanation to clearly support the writer's thesis, though more explanation may be needed to tie it to the topic sentence. This is most definitely a review of the science and not a movie summary.		Writer makes an inaccurate or biased judgment about the movie and provides insufficient support for that judgment OR it's difficult to see how the details support one another. Some quotes or explanation missing in body paragraphs. This reads more like a movie summary than a scientific analysis.
<b>Organization &amp; Development</b>	Topic sentences include both a clear subject and the writer's opinion. All paragraph details support a topic sentence. Ideas are focused and connected with complete, logical transitions.		Topic sentences include both a subject and the writer's opinion. Most paragraph details support a topic sentence, but some may be skimpy. Ideas are connected with transitions, but often they are predictable or simply words.		Topic sentences may not include a subject and/or the writer's opinion. Few paragraph details support a topic sentence. It's difficult for the reader to see how details flow from and support one another. The author's still be searching for focus.
<b>Mechanics</b>	No mistakes in spelling, grammar, or punctuation. Word processed, double spaced, 12 pt font, 1 inch margins		A few minor mistakes that do not interfere with the reader's ability to comprehend the writer's ideas. Word processed, double spaced, 12 pt font, 1 inch margins		Many minor mistakes. Mechanics make the writing somewhat difficult to understand or read. Word processed, double spaced,
<b>Referenced</b>	The movie and any supporting materials are properly referenced using MLA format.		The movie and any supporting materials are properly referenced using MLA format.		The movie and reference materials are not referenced or referenced incorrectly.

Comments:

Grade: \_\_\_\_\_