

A "Novel" Science Literacy Activity

1. Select a fictional novel or a non-fiction book with a biological/scientific theme and read it.
2. Item must be approved by completing the form posted in class. (*Failure to attain pre-approval for your selected book or novel will result in a 50% **reduction** in points.)

A list of suggested fiction and non-fiction books can be found posted on this website (this is NOT a comprehensive or finite list.

3. Create a study guide for the book using the following format:

For a **Fiction** novel

A study guide specific to your chosen novel that meets the following requirements (be creative):

- _____ Typed (10 points)
- _____ Completed Reading log with signatures (20 points)
- _____ A one page synopsis of the novel (20 points total).
 - _____ What are the biological issues and/or concepts that are important in understanding the plot? (This should be a detailed discussion.)
 - _____ Is the plot believable? Do we currently have the technology that would allow this plot to be a real threat? OR Is the plot based on the possibility of future developments in technology?
 - _____ What message (theme) is the author trying to get the reader to contemplate? Do you agree or disagree with the theme?
 - _____ Do indecision and conflict torture any of the main characters? How is the conflict resolved? Could you have suggested alternatives?
- _____ Minimum of 5 "well thought out" book specific questions (with answers provided) (30 points total)
- _____ Minimum of 2 higher level, open ended, thought provoking questions (with possible answers provided) (20 points total)
- _____ Point Total (100 max)

For the **Non-fiction** book

A study guide specific to your chosen novel that meets the following requirements (be creative):

- _____ Typed (10 points)
- _____ Completed Reading log with signatures (20 points)
- _____ A one page synopsis of the novel (20 points total)
- _____ Dictionary of Key Vocabulary Terms (5 points total)
- _____ Minimum of 10 "well thought out" book specific questions (with answers provided) (25 points total)
- _____ Minimum of 5 higher level, open ended, thought provoking questions (with possible answers provided) (20 points total)
- _____ Point Total (100 max)