

Reading Apprenticeship
STRATEGIC LITERACY in BIOLOGY
Book Project

Objective: Read a nonfiction, biology book and then write a brief summary (in class) and critique of the selection.

Directions:

1. Choose a nonfiction book related to biology from the class library and read the selection. You may also select a book from the suggested book list provided **with the approval of your biology teacher.**

2. Write a formal outline (or bulleted list) to help you write the paper described below. You may also use the "Talk to the Text" reading strategy by utilizing post-its instead of writing in the book. (**Remember all books provided by your biology teacher are part of the class library and must be returned in superior condition**). You can also use index cards, one for each chapter, to summarize the key concepts and to define or describe difficult terms. No matter what method or strategy you employ, make sure your notes are organized, in a logical format, concise, and thorough as you will use them when composing your formal outline of the book.

3. Write a brief paper in class, **using a computer word processing program or composing by hand using lined paper**, that includes the following:
 - A 1-2 paragraph abstract and introduction including information such as the title, author, why the book was written and a short summary of the complete work.
 - Compose three (3) paragraphs each containing one opinion, concept, idea, or position discussed in the text which is supported by **at least** one direct quote (correctly cited).
 - Lastly, you must include a one (1) paragraph conclusion about whether you would or would not recommend the book providing several concrete reasons and references from the text to support your position.
 - Papers will be well-written, using your outlines and notes to guide you, during class. The paper should be 1 ½ - 2 pages in length, 12pt font, and double-spaced.

Timeline and Assessment:

- Choose your book and notify your teacher by _____.
- The book should be read and the outline turned in by _____.
- Papers will be written, using your outlines to guide you, during class or in the computer lab on _____. Again, the paper should be 1 ½ - 2 pages in length, 12pt font, and double-spaced. Please attach the book project scoring rubric to your paper before submitting for grading.

Dr. Senegar-Mitchell
Biology

SUGGESTED BOOK LIST

A Distant Mirror, Barbara Tuchman

A Sand County Almanac, Aldo Leopold

Biology and the Social Crisis, John Keith Brierley

Black Apollo of Science: The Life of Earnest Everett Just, Kenneth R. Manning

Black Death and the Transformation of the West, The, David Herlihy

Black Death, The, Philip Ziegler

Body Under Siege, Danny S. New

Body's Edge, The: Our Cultural Obsession with Skin, Marc Lappe

Bubonic Plague in Nineteenth Century China, Carol Benedict

Catastrophe, David Keys

Clone, Gina Kolata

Coming Plague, The, Laurie Garrett

Cooperative Gene, The, Mark Ridley

Dancing Naked in the Mind Field, Kary Mullis

Dead Men Do Tell Tales, William Maples

Deadly Feasts, Richard Rhodes

Demon in the Freezer, The, Richard Preston

Desert Solitaire, Edward Abbey

Devil's Flu, The, Pete Davies

Disease in History, Frederick Cartwright with Michael Bidiss

Double Edged Sword: Promises and Risks of the Genetic Revolution, Karl Drlica

Double Helix, The, James D. Watson

Emotional Intelligence, Daniel Goleman

Evolutionary Medicine, Marc Lappe

Fictions of Disease in Early Modern England: Bodies, Plagues and Politics, Margaret Healy

Finding Darwin's God, Ken Miller

Flu: The Story of the Great Influenza Pandemic of 1918..., Gina Kolata

Forgotten Plague, The, Frank Ryan

Fourth Horseman, The, Andrew Nikiforuk

From Gaia to Selfish Genes: Selected Writing in the Life Science, Connie Barlow

Germ that Won't Die, Marc Lappe

Get Bitten by the Biology Bug, Maura C. Flanger

Ghosts of Evolution, The, Connie Barlow

Guns, Germs, and Steel, Jared Diamond

Hepatitis B: The Hunt for a Killer Virus, Baruch S. Blumberg

Hot Zone, The, Richard Preston

Hunt for Hidden Killers, The: Ten Cases of Medical Mystery, Diane Yancey

Impact of the Gene, The, Colin Tudge

In the Wake of the Plague, Norman F. Cantor

Insects and History, J. L. Cloudsley-Thompson

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Island of the Colorblind, Oliver Sacks

Let's Eat Right to Keep Fit, Adele Davis

Lives of a Cell, The, Lewis Thomas

Lucy: Beginnings of Humankind, Donald C. Johanson and Maitland Edey

Mapping Fate, Alice Wexler

Molecules of Emotion: Why You Feel the Way you Feel, Candace Pert
Mozart Effect, The, Don Campbell

On Becoming a Biologist, John Janovy, Jr.

Pilgrim at Tinker Creek, Annie Dillard

Plague Makers, The: The Coming Catastrophic of New Epidemics, Jeffrey A. Fisher

Plague Makers, The: The Secret World of Biological Warfare, Wendy Barnaby

Plague Time, Paul W. Ewald

Plagues and Peoples, William H. McNeill

Prairie Keepers, The: Secrets of the Grasslands, Marcy Cottrell Houle

Primal Place, The, Robert Finch

Promises and Risks of the Genetic Revolution, Karl Drlica

Rats, Lice, and History, Hans Zinser

Reindeer and Its Domestication, Berthold Laufer

Right to be Intelligent, The, Luis Alberto Machado

Road to Dolly and the Path Ahead, The, Gina Kolata

Rosalind Franklin: The Dark Lady of DNA, Brenda Maddox

Secret of Life, The, Joe Levine

Seven Daughters of Eve, The, Bryan Sykes

Silent Spring, Rachel Carson

Silent Travelers, The, Alan M. Kraut

Splendid Voyage: An Introduction to New Science and New Technology, Pangratios Papacosta

Talking Bones, Peggy Thomas

Toxic Threat: How Hazardous Substances Poison Our Lives, Stephen J. Zipko

Virus Hunting, Robert C. Gallo

Virus Invaders, The, Alan E. Nourse, M. D.

What if Everything You Knew About AIDS Was Wrong, Christing Maggiore and Kary Mullis

When Plague Strikes, James Cross Giblin

Wings For My Flight: The Peregrine Falcons of Chimney Rock, Marcy Cottrell Houle