

Physics Extra Credit Assignment
25 points

Read one of the following books over Christmas Break. Be prepared to write a 5-paragraph essay that summarizes the book and relates it to a concept in physics. The essay will be written during a designated lunch or preps period during the week of January 2—5, 2007. You MUST bring the book with you when you write the essay.

Quantum, a Guide for the Perplexed
Jim Al-Khalili

The Quantum World: Quantum Physics for Everyone
Kenneth W. Ford

A Brief History of Time
Stephen Hawking

The Universe in a Nutshell
Stephen Hawking

A Hitchhiker's Guide to the Galaxy
Douglas Adams

On the Shoulders of Giants
Stephen Hawking

Great Feuds in Technology
Hal Hellman

Fear of Physics: A Guide for the Perplexed
Lawrence M. Krauss

Physics of Christmas: From the Aerodynamics of Reindeer to the Thermodynamics of Turkey
Roger Highfield

The Science of Harry Potter: How Magic Really Works
Roger Highfield

The Physics of Baseball
Robert K. Adair

The Physics of Star Trek
Lawrence M. Krauss

Marie Curie and the Science of Radioactivity
Naomi Pasach

Albert Einstein and the Frontiers of Physics
Jeremy Bernstein

Galileo Galilei: First Physicist
James MacLachlan

Thomas Alva Edison; Inventing the Electric Age
Gene Adair

Johanes Kepler and the New Astronomy
James R. Voelkel

Isaac Newton and the Scientific Revolution
Gale E. Christianson

Lise Meitner: A Life in Physics
Ruth Lewin Sime

It Started with Copernicus
Howard Margolis

Coming of Age in the Milky Way
Timothy Ferris

Heavenly Intrigue: Johanes Kepler, Tycho Brahe, and the Murder behind One of History's Greatest Scientific Discoveries
Joshua Gilder and Anne-Lee Gilder

