key type: 1=history;2=pedagogical science; 3=biography; 4=memoires; 5=philosophy
key function: 1= trade;4=scholarly
difficulty: 1=easy;5=undergrad physics/history/philosophy
key length: 1=~100pp;3>=500pp

Book List

title	author(s)	type	function	difficuity	length	quality	BOOK CLASS 1=15pts 2=20pts 3=25pts >3=30pts
God's Equation	Aczel	2	1	3			1
Newton to Einstein The Trail of Light	Baierlein	1	2	2			1
The Charm of Strange Quarks	Barnett et al.	2	2	2	3		3
Between Inner Space and Outer Space	Barrow	2	2	2	2		2
The World Within the World	Barrow	2	2	2	2		2
The Artful Universe	Barrow	2	2	2	3		3
Pie in the Sky	Barrow	2	2	2	3		3
Nothing	Barrow	2	3	2	3	1	5
Theories of Everything	Barrow	2	3	3	2	1	5
Newton's Gift	Berlinski	2	2	2	2		2
Cranks, Quarks, and the Cosmos	Bernstein	1	1	1	3		1
Albert Einstein and the Frontiers of Physics	Bernstein	3	2	1	2		1
The Tenth Dimension	Bernstein	2	2	2	2		2
Eureka	Blin-Stoyle	1	1	1	1		1
E-mc2	Bordanis	1	1	1			1
Einstein's Theory of Relativity	Born	2	3	3	2		4
The Origins of Knowledge and Imagination	Bronowski	5	2	3	2		3
The Metaphysical Foundations of Modern Physical Science	Burtt	1	4	3	2		5
The Origins of Modern Science	Butterfield	1	4	4	2		6
Conceptual Developments of 20th Century Field Theories	Cao	5	4	5	3		8
How the Laws of Physics Lie	Cartwright	5	4	5	2		7
Kepler	Casper	3	4	2	2		4
Uncertainty the biography of Werner Heisenberg	Cassidy	3	2	2	3		3
Lucifer's Legacy	Close	2	3	2	2		3
The Second Creation	Crease & Martin	1	2	1	3	1	3
Theories of the World from Antiquity to the Copernican Revolution	Crowe	1	2	2	2		2
Philosophical Concepts in Physics	Cushing	5	3	4	3		6
The Mind of God	Davies	2	2	2	2		2
The Matter Myth	Davies & Gribbin	2	2	2	2		2
Measuring the Universe	Ferguson	2	2	2	2		2
Atoms in the Family	Fermi	3	1	1	1		1
Coming of Age in the Milky	Ferris	1	1	1	2		1
The Whole Shebang	Ferris	2	2	1	2		1
Einstein and the Generations of Science	Feuer	1	3	2	3		4
The Meaning of It All	Feynman	4	2	2	1		1
What Do You Care What People Think?	Feynman	4	2	1	1		1
The Character of Physical Law	Feynman	5	2	3	1		2
Six Not So Easy Pieces	Feynman	2	3	3	1		3
How Experiments End	Galison	5	3	2	2		3
The Great Physicists From Galileo to Einstein	Gamow	2	1	1	2		1
Thirty Years that Shook Physics	Gamow	1	2	1	2	1	2
The Ambidextrous Universe	Gardner	2	2	1	2		1

Nothingness The Science of Empty Space	Genz	2	3	3	2		4
The Dancing Universe	Gleiser	1	2	2			1
Measuring Eternity	Gorst	2	2	2			1
The Foundations of Modern Science in the Middle Ages	Grant	5	3	3	2		4
The Elegent Universe	Green	2	2	3	3		4
Inventing Reality	Gregory	5	2	2	2		2
The Case of the Missing Neutrinos	Gribbon	1	2	1	2		1
Schroedinger's Kittens and the Search for Reality	Gribbon	2	1	1	2		1
In Search of the Big Bang	Gribbon	2	2	2	3		3
Five Equations that Changed the World	Guillen	1	3	2	2	1	4
The Inflationary Universe	Guth	2	3	2	3		4
Scientific Revolutions	Hacking	5	3	3	2		4
Representing and Intervening	Hacking	5	3	5	2		6
The Universe in a Nutshell	Hawking	2	2	2	2		2
A Brief History of Time	Hawking	2	3	3	1		3
The Parsimonious Universe	Hilderbrandt & Trombil	2	2	2			1
Hidden Order	Holland	2	2	3			1
Einstein, History, and Other Passions	Holton	5	3	2	3		4
The Scientific Imagination	Holton	5	3	2	3		4
Thematic Origins of Scientific Thought	Holton	5	4	3	3		6
Eureka!	Horvitz	2	2	1	2		1
The Maxwellians	Hunt	3	3	2	2		3
The Particle Garden	Kane	2	2	2	2		2
Supersymmetry	Kane	2	2	2	2		2
The Quest for Unity The Adventure of Particle Physics	Klien & Lachieze-Rey	2	2	3			1
The Sleepwalkers	Koestler	2	2	1	3		2
Blind Watchers of the Sky	Kolb	2	1	1	1	1	1
From the Closed World to the Infinite Universe	Koyre	5	3	2	2		3
Fear of Physics	Krauss	2	1	2	1		1
Atom	Krauss	2	2	1	3		2
Doing Physics	Krieger	5	2	2	2		2
The Copernican Revolution	Kuhn	5	4	3	2		5
Science and Relativism	Laudan	5	4	5	1		6
The God Particle	Lederman	2	2	1	3	1	3
Great Ideas in Physics	Lightman	2	2	2	2		2
Boltzmann's Atom	Lindley	3	2	1	2		1
Nature Loves to Hide	Malin	2	2	2	3		3
To Infinity and Beyond	Maor	2	1	1			1
~~*Physics for Poets*~~	~~March~~	~~2~~	~~2~~	~~2~~	~~1~~		~~1~~
Einstein and Picasso	Miller	1	2	2	3	1	4
Insights of Genius	Miller	5	3	2	3	1	5
Imagery in Scientific Thought	Miller	5	3	3	3		5
Complexity	Mitchel & Waldorp	2	3	2	3		4
Schrodinger	Moore	3	2	2	3		3
What Makes Nature Tick	Newton	2	3	2	2		3
The Truth of Science	Newton	5	3	2	2		3
Einstein in Love	Overbye	3	2	1	3		2
Niels Bohr's Times	Pais	3	2	1	3		2
The Genius of Science	Pais	3	2	2	2		2
Subtle is the Lord The Science of Albert Einstein	Pais	3	2	2	3		3
Inward Bound	Pais	2	3	4	3		6
The Fire Within	Park	1	2	1	3		2
~~*The How and the Why*~~	~~Park~~	~~1~~	~~3~~	~~2~~	~~3~~		~~4~~
The Emporer's Mind	Penrose	2	3	3	3		5
Empire of Light	Perkowitz	1	2	2	2		2
The Age of Science	Piel	1	2	3			1
The Atom in the History of Human Thought	Pullman	5	3	3	3		5
Physics in the Nineteenth Century	Purrington	2	3	3	2		4
Marie Curie	Quinn	3	2	2	3		3

The Soul of the Night	Raymo	1	1	1	2		1
The Making of the Atom Bomb	Rhodes	1	3	3	3		5
Dark Sun	Rhodes	1	3	3	3		5
Serendipity Accidental Discoveries in Science	Roberts	1	2	2	2		2
Doubt and Certainty	Rothman & Sudarshan	2	2	2	3		3
From Falling Bodies to Radio Waves	Segre	1	2	1	2		1
From Atoms to Quarks	Segre	1	2	2	2		2
Lise Meitner	Seme	2	2	2	3		3
Art and Physics	Shalain	5	3	3	2		4
Leviathon and the Air Pump	Shapin & Shaffer	1	4	5	3		8
Galileo	Sharpere	3	4	3	2		5
Three Roads to Quantum Gravity	Smolin	2	3	2			1
Wrinkles in Time	Smoot & Davidson	2	2	2	2		2
Galileo's Daughter	Sobel	3	2	1	3	1	1
Fashionable Nonesense	Sokal & Bricmont	5	4	4	3		7
~~*Seven Ideas that Shook the Universe*~~	~~Spielberg & Anderson~~	~~2~~	~~3~~	~~2~~	~~3~~		~~4~~
Einstein's Miraculous Year	Stachel	2	1	3	3		3
Einstein's German World	Stern	1	3	3	3		5
Fearful Symmetry	Stewart & Golubitsky	2	2	2	2		2
Hidden Unity in Nature's Laws	Taylor	5	3	3	3		5
Beamtimes and Lifetimes	Traweek	5	3	1	2		2
From Atoms to Quarks	Trefil	1	1	1	2		1
Meditations at Sunset	Trefil	1	1	1	2		1
Hidden Attraction	Vershuur	1	2	2	2		2
Subatomic Particles	Weinberg	1	2	1	2	1	2
Never at Rest Biography of Isaac Newton	Westfall	3	4	5	3		8
The Tiger and the Shark	Wheaton	2		2			1
Geons, Blackholes and Quantum Foams	Wheeler	4	2	3	2		3
A Journey Into Gravity and Spacetime	Wheeler	2	3	4	2		5
Fearful Symmetry	Zee	2	2	2	3		3
Einstein's Universe	Zee	2	2	2	3		3
Real Science	Ziman	2	2	5			3