

Copyright Acknowledgements

All selections in this publication are reprinted by permission of their copyright holders or from the public domain. Except for those in the public domain, no part of the selections may be reproduced without prior permission of the copyright holders as listed below.

- pp. 5–10: From Plato, *Republic*, translated by C.D.C. Reeve. Copyright © 2004 by Hackett Publishing Company, Inc.. Reprinted by permission of Hackett Publishing Company, Inc..
- pp. 11–48: From David C. Lindberg, *The Beginnings of Western Science: The European Scientific Tradition in Philosophical, Religious, and Institutional Context, Prehistory to A.D. 1450* (Second Edition). Published by The University of Chicago Press. Copyright ©1992, 2007 by The University of Chicago. All rights reserved. Reproduced with permission of University of Chicago Press in the format Republish in a book via Copyright Clearance Center.
- pp. 49–62: From I. Bernard Cohen, *The Birth of a New Physics: Revised and Updated*. Copyright ©1985 by I. Bernard Cohen. Copyright © 1960 by Educational Services Incorporated. Used by permission of W. W. Norton & Company, Inc..
- pp. 63–70: From Isaac Newton, *The Principia: Mathematical Principles of Natural Philosophy*. Copyright © 1999 by University of California Press. Reproduced with permission of University of California Press in the format Republish in a book via Copyright Clearance Center.
- pp. 73–96: From Charles Darwin, *On the Origin of Species by Means of Natural Selection* (First Edition) (1859). Reproduced from the public domain.
- pp. 97–140: From James D. Watson and with Andrew Berry, Excerpt(s) and “Chapter Two—The Double Helix: This is Life” from *DNA: The Secret of Life* by James D. Watson with Andrew Berry, copyright © 2003 by DNA Show LLC. Used by permission of Alfred A. Knopf, an imprint of the Knopf Doubleday Publishing Group, a division of Penguin Random House LLC. All rights reserved. Any third party use of this material, outside of this publication, is prohibited. Interested parties must apply directly to Penguin Random House LLC for permission.

- pp. 141–156: From Rachel Carson, *Silent Spring: 40th Anniversary Edition* (1990). Reprinted from the public domain.
- pp. 159–176: From Henri Poincaré, *The Value of Science: Essential Writings of Henri Poincaré* (2001). Published by Modern Library, reproduced from the public domain.
- pp. 177–192: From Eric Kandel, *In Search of Memory: The Emergence of a New Science of Mind*. Copyright © 2006 by Eric R. Kandel. Used by permission of W.W. Norton & Company, Inc..
- pp. 193–216: From Joseph Needham and Colin A. Ronan, *The Shorter Science and Civilisation in China: An Abridgement of Joseph Needham's Original Text*, Vol. 1 (1978). © Cambridge University Press, reproduced with permission.
- pp. 217–242: Nathan Sivin, “Why the Scientific Revolution Did Not Take Place in China—or Didn’t It?”, originally published in *Chinese Science*, 1982, 5: 45–66, revised 2005.8.24, used by permission of the author.
- pp. 243–250: 文言文節錄自沈括，《新校正夢溪筆談》（1975），由中華書局（香港）有限公司授權翻印。語譯及注釋由香港中文大學巢立仁撰寫。
- pp. 251–256 (except for pp. 253–254 “The Rainbow”): From Joseph Needham, *Science and Civilisation in China*, Vol. 3 (1959), Vol. 4 (1962), Vol. 5 (1985). © Cambridge University Press, reproduced with permission.
- pp. 253–254 (“The Rainbow”): Nathan Sivin, “The Rainbow”, unpublished, used by permission of the author.
- pp. 257–272: From William Dunham, *The Mathematical Universe: An Alphabetical Journey Through the Great Proofs, Problems, and Personalities*. Copyright © 1994 by John Wiley & Sons, Inc.. Reproduced with permission of John Wiley & Sons, Inc..
- pp. 273–288: From Euclid, *Elements*. The text used in this anthology is adopted from a digitized version of Euclid, *The Thirteen Books of Euclid's Elements*, translated by Thomas L. Heath (1956), made available by the Perseus Digital Library Project. Ed. Gregory R. Crane. Tufts University. (Date of access: Feb 2012) <<http://www.perseus.tufts.edu>>. The illustrations are reproduced by this publication.