

Science Instructional Resources in LPS

Approved

Middle School, April 2012

Elementary and High School, May 2013

Discovery Education Science Techbook for Colorado, Grades K-8 and High School.

Discovery Communications, LLC, 2013. Web.

High School Science Instructional Materials

Approved June 28, 2001

Elective Course Resources

AP Biology/IB Biology

- Biology, 6th ed. Campbell, et al. Prentice Hall, 2002
- Biology, 5th ed. Campbell, et al. Benjamin Cummings, 1999
- Biology, 2nd ed. Campbell, et al. Benjamin Cummings, 1990
- Biology, 8th ed. Mader. WCB/McGraw Hill, 2003
- Biology, 4th ed. Raven and Johnson. WCB/McGraw Hill, 1996

AP Chemistry / IB Chemistry

- Chemistry—The Study of Matter and Its Changes. Brady and Holum. John Wiley & Sons, 1996
- Chemistry: the Central Science, 8th ed. Brown, et al. Prentice Hall, 2002
- Chemistry—Matter and Change. Glencoe McGraw Hill, 2002
- General Chemistry, 6th ed. Whitten, et al. Saunders College Publishing, 2000
- Chemistry, 5th ed. Zumdahl. Houghton Mifflin Co. 2000

AP Physics C

- Fundamentals of Physics, 6th ed. Volume 1 and 2. Halliday, et al. John Wiley and Sons, 2001
- Fundamentals of Physics, 5th ed. Halliday et al. John Wiley and Sons, 1997
- Fundamentals of Physics, 4th ed. Halliday et al. John Wiley and Sons, 1993
- Physics for Scientists and Engineers with Modern Physics, 5th ed. Serway. Saunders College, 2000.

AP Physics B

Physics; Principles with Application, 5th ed. Giancoli. Prentice Hall, 2002
College Physics, 3rd ed. Serway and Faughn. Harcourt Brace Jovanovich, 1992

Astronomy/Astronomy 1 and 2

Astronomy Today, 4th ed. Chaisson and McMillan. Prentice Hall, 2002
Astronomy, A Beginners Guide to the Universe, 3rd ed. Chaisson and McMillan. Prentice Hall, 2001

Botany/Plant Biology

Introductory Plant Biology, 3rd ed. Stern. William C. Brown, 1985

Chemistry

General Chemistry, Herron et al. D.C. Heath, 1996
Introductory Chemistry-A foundation, 4th ed. Houghton Mifflin, 2000
Chemistry: Connections to our Changing World. Le May et al. Prentice Hall, 1996
Modern Chemistry, Myers et al. Hole, Rinehart and Winston, 2002
Addison Wesley Chemistry, Wilbraham et al. Prentice Hall, 2002

Chemistry in the Community

ChemCom, Chemistry in the Community, 3rd ed. Stanitski. American Chemical Society. Kendall Hunt, 1988
Chemistry in the Community, 4th ed. American Chemical Society. W. H. Freeman 2002

Crime Lab Science

Crime Lab Investigations, Walker and Wood, Center for Applied Research in Education, 1998

Environmental Science

Global Science, 7th ed. Christensen and Christensen, Kendall Hunt 2009
Environmental Science, 4th ed. Botkin and Keller. John Wiley and Sons, 2001
Grasslands to Glacier, 2nd ed. Mutel and Emerick. Johnson Books, 1992
Environmental Science, 8th ed. Nebel and Wright. Prentice Hall, 2001

Genetics/Principals of Genetics

Principals of Genetics, 8th edition, Gardner et al. Wiley, 1991
Essentials of Genetics, 3rd edition, Klug and Cummings. Prentice Hall, 1999
Human Genetics Concepts and Applications, 2nd ed. Lewis. Wm. C. Brown, 1997

Geology

Essentials of Geology, 8th ed. Lutgens et al. Prentice Hall, 2002
Physical Geology-Earth Revealed, 4th ed. McGeary and Plummer, McGraw Hill, 2001
Physical Geology, 8th ed. Plummer et al. McGraw Hill, 1999
Modern Physical Geology, 2nd ed. Thompson and Turk. Saunders College Printing, 1997

Marine Ecology

Marine Biology—An Ecological Approach, 5th ed. Nybakken. Benjamin Cummings, 2001

Medicine

Meteorology

The Atmosphere, 8th ed. Lutgens and Tarbuck. Prentice Hall, 2001

Microbiology

Laboratory Microbiology, 2nd ed. Bradshaw. Saunders Co., 1973
Principles of Microbiology, 10th ed. Smith. Times-Mirror/Mosby, 1984

Oceanography

Essentials of Oceanography, 7th ed. Thurman and Trujillo. Prentice Hall, 2002

Physics

Conceptual Physics, 8th ed. Hewitt. Addison Wesley, 1999

Holt Physics. Serway and Faughn. Holt, Rinehart and Winston, 2002

Modern Physics. Trinklein. Holt, Rinehart and Winston, 2001

Physics, 4th ed. Wilson and Buffa. Prentice Hall, 2000

Physics: Principles and Problems. Zitzewitz et al. McGraw Hill, 1995

Physiology

Hole's Essential of Human Anatomy and Physiology, 2nd ed. Sheir et al. McGraw Hill

The Human Body in Health and Disease. Thibodeau and Patton. Mosby Year Book Inc, 1992

Aeronautics/Science of Flight/Topics in Aviation Science

Aviation Fundamentals. Baty et al. Jeppesen Sanderson, Inc. 1996

Aviation Fundamentals, 8th ed. Baty et al. Jeppesen Sanderson, Inc. 1974

Zoology/Invertebrate Zoology/Vertebrate Zoology

Integrated Principles of Zoology, 11th ed. Hickman et al. McGraw Hill, 2001

Biology of Animals, 4th ed. Hickman et al. Times Mirror Mosby College, 1986

Zoology, 4th ed. Miller and Harley. WCB/McGraw Hill, 1999

Zoology, 2nd ed. Miller and Harley. WCB, 1994