

## Da Vinci Academy 2011-12: Primary Resources for Middle School Science

### ALL MIDDLE SCHOOL GRADE LEVELS

National Research Council. 1996. *"National Science Education Standards"*  
Washington DC.

Project 2061. 1990. *"Science for All Americans"*, Oxford University Press, New York.

Online version: <http://www.project2061.org/publications/sfaa/online/sfaatoc.htm>

Project 2061. 1993 *"Benchmarks for Science Literacy"* Oxford University Press, New York.

Project 2061. 2001 *"Atlas for Science Literacy-Volume 1"*. Co-published by American Association for the Advancement of Science and the National Science Teachers Association. Washington DC.

Project 2061. 2007 *"Atlas for Science Literacy-Volume 2"*. Co-published by American Association for the Advancement of Science and the National Science Teachers Association. Washington DC.

### FIFTH GRADE SCIENCE

Prentice-Hall *Science Explorer* (several volumes). *"The Lives of Plants"*, New Directions Teaching Units, Michigan Department of Education, 1993. *"Rivers Curriculum Guide – Biology"*, Dale Seymour Publications, 1998.

### SIXTH GRADE SCIENCE

Prentice-Hall *Science Explorer: Forces, Motion & Energy*. *"Taking Charge, An Introduction to Electricity"*, NSTA Press, 2000. *"Charging Ahead, An Introduction to Electromagnetism"*, NSTA Press, 2001. *"Moons of Jupiter"*, GEMS Teacher Guide, Lawrence Hall of Science.

### SEVENTH GRADE SCIENCE

*"Chemistry that Applies"* New Directions Teaching Units, Michigan Department of Education, 1993. *"Invisible Universe -The Electromagnetic Spectrum from Radio Waves to Gamma Waves"*, GEMS Teacher Guide, Lawrence Hall of Science, 2002. *"Beauty & Charm at Fermilab – An Introduction to Particle Physics"*, Fermi Friends for Science Education, 2000.

### EIGHTH GRADE SCIENCE

*"Prentice Hall Earth Science"*, Pearson Prentice Hall, 2009. *"Stories in Stone"*, GEMS Teacher Guide, Lawrence Hall of Science 1995. *"Plate Tectonics – The Way the Earth Works"*, GEMS Teacher Guide, Lawrence Hall of Science, 2002. *"Only One Ocean"*, Lawrence Hall of Science, 2001; *"Watershed Dynamics"*, NSTA Press, 2004.