

## **Praxis® Middle School Science 5440 Content Category Resource List**

Below, we have listed some resources recommended by our middle school science test specialists that may be helpful in brushing up on the topics covered on the test. These resources were recommended because they are particularly relevant to the type of material covered by the test; however, please note that the test is not based on these resources and that they do not necessarily cover every topic that may be included in the test.

### **JOURNALS**

*Science and Children*, National Science Teachers Association.

*Science Scope*, National Science Teachers Association.

*The Science Teacher*, National Science Teachers Association.

### **OTHER RESOURCES**

Arons, A. B. (1997). *Teaching Introductory Physics*. Hoboken, N.J.: Wiley.

Campbell, N. A., Reece, J. B., et al. (2007). *Biology*, Eighth Edition. San Francisco, Calif.: Benjamin Cummings.

Center for Science, Mathematics, and Engineering Education: National Research Council. (2000). *Inquiry and the National Science Education Standards: A Guide for Teaching and Learning*. Washington, D.C.: National Academy Press.

Chang, R. (2013). *Chemistry*, Eleventh Edition. New York, N.Y.: McGraw-Hill.

Chiappetta, E. L., Koballa, T. R., and Collette, A. T. (2009). *Science Instruction in the Middle and Secondary Schools*, Seventh Edition. Boston, Mass.: Allyn and Bacon.

Crotts, D. (1995). *Critical Thinking Skills: Science*. Grand Rapids, Mich.: Frank Schaffer Publications, Inc.

Cunningham, W. P., and Cunningham, M. A. (2009). *Environmental Science: A Global Concern*, Eleventh Edition. New York, N.Y.: McGraw-Hill.

Halliday, D., Resnick, R., and Walker, J. (2010). *Fundamentals of Physics*, Ninth Edition. Hoboken, N.J.: Wiley.

Hamblin, W. K., and Christiansen, E. H. (2003). *Earth's Dynamic Systems*, Tenth Edition. Upper Saddle River, N.J.: Prentice-Hall.

Hewitt, P., Suchocki, J., and Hewitt, L. A. (2007). *Conceptual Physical Science*, Fourth Edition. Boston, Mass.: Addison-Wesley.

Joyce, B. R., and Weil, M. (2009). *Models of Teaching*, Eighth Edition. Upper Saddle River, N.J.: Pearson.

Levin, H. L. (2010). *The Earth Through Time*, Ninth Edition. Hoboken, N.J.: Wiley.

National Research Council. (1996). *National Science Education Standards*. Washington, D.C.: National Academy Press.

Ostlund, K. L. (1992). *Science Process Skills: Assessing Hands-On Student Performance*. Boston, Mass.: Addison-Wesley.

- Project 2061 (American Association for the Advancement of Science). (1993). *Benchmarks for Science Literacy*. New York, N.Y.: Oxford University Press.
- Rakow, S. J. (Ed.). (2000). *NSTA Pathways to the Science Standards: Guidelines for Moving the Vision into Practice*, Middle School Edition, Second Edition. Arlington, Va.: National Science Teachers Association.
- Ramig, J., Bailer, J., and Ramsey, J. (1995). *Teaching Science Process Skills*. Grand Rapids, Mich.: Frank Schaffer Publications.
- Rezba, R., et al. (2008). *Learning and Assessing Science Process Skills*, Fifth Edition. Dubuque, Iowa: Kendall/Hunt Publishing Company.
- Santa, C. M., and Alverman, D. E. (Eds.). (1991). *Science Learning: Processes and Applications*. Newark, Del.: International Reading Association, Inc.
- Serway, R. A., Vuille, C., and Faughn, J. S. (2009). *College Physics*, Eighth Edition. Pacific Grove, Calif.: Brooks/Cole Publishing Company.
- Starr, C., Taggart, R., and Evers, C. (2009). *Biology: The Unity and Diversity of Life*, Twelfth Edition. Pacific Grove, Calif.: Brooks/Cole Publishing Company.
- Tarbuck, E. J., Lutgens, F. K., and Tasa, D. (2007). *Earth: An Introduction to Physical Geology*, Ninth Edition. Upper Saddle River, N.J.: Prentice-Hall.
- Thompson, G., and Turk, J. (2009). *Earth Science and the Environment*, Fourth Edition. Pacific Grove, Calif.: Brooks/Cole Publishing Company.
- Whitten, K. W., Davis, R. E., Peck, L., and Stanley, G. G. (2013). *General Chemistry*, Tenth Edition. Pacific Grove, Calif.: Brooks/Cole Publishing Company.
- Wright, R. T. (2008). *Environmental Science: Toward a Sustainable Future*, Ninth Edition. Upper Saddle River, N.J.: Prentice-Hall.
- Zumdahl, S. S., and Zumdahl, S. A. (2013). *Chemistry*, Ninth Edition. Pacific Grove, Calif.: Brooks/Cole Publishing Company.

## **ONLINE RESOURCES**

- American Association for the Advancement of Science — [www.aaas.org](http://www.aaas.org)
- American Association of Physics Teachers — [www.aapt.org](http://www.aapt.org)
- American Astronomical Society — [www.aas.org](http://www.aas.org)
- American Chemical Society — [www.acs.org](http://www.acs.org)
- American Institute of Biological Sciences — [www.aibs.org](http://www.aibs.org)
- American Physical Society — [www.aps.org](http://www.aps.org)
- National Association of Biology Teachers — [www.nabt.org](http://www.nabt.org)
- National Association of Geoscience Teachers — [www.nagt.org](http://www.nagt.org)
- National Science Teachers Association — [www.nsta.org](http://www.nsta.org)
- The Geological Society of America — [www.geosociety.org](http://www.geosociety.org)