

## Bibliography

### Social Studies/History

Abu-Lughod, Janet L. *Before European Hegemony: The World System A.D. 1250-1350*. New York: Oxford University Press, 1989.

Fagan, Brian, ed. *Eyewitness to Discovery, First Person Accounts of More than Fifty of the World's Greatest Archaeological Discoveries*. New York: Oxford University Press, 1996.

Subject: Social studies: High school: an interesting work that provides details of events as they took place, need critical help from a trained teacher to make this a useful work for history/social studies

Burckhardt, Titus, *Fez City of Islam*. Cambridge: Islamic Texts Society, 1992.

Subject: Social history, architect, aesthetics/arts: A wonderful book on Fez, but much more than Fez/ high school students

\_\_\_\_\_. *Moorish Culture in Spain*. Louisville: Fons Vitae, 1999.

Subject: Social studies/history, culture/architect, aesthetics/arts: Another important book on Islamic Spain... / high school students

Jayyusi, Salma Khadra, Ed. *The Legacy of Muslim Spain* in 2 volumes. Leiden: Brill, 1994.

This is a very important work that can be used in social studies, history, high school, as it provides a comprehensive survey of Muslim Spain. Students can make Andalus their project for a semester and use this as source.

Jayyusi, Salma K., Holod, R., Petrucciolo, Attilio, and Raymond, Andre. *The City in the Islamic World*. in 2 volumes. Leiden: Brill, 2008.

Subject: Islamic civilization: an advance work, but can be used by brighter high school students.

Kennedy, Hugh. *An Historical Atlas of Islam, Atlas Historique de l'Islam*. Leiden: Brill, 2002.

A collection of good maps for various uses in middle/high school

Wolfe, Michael, Ed. *One Thousand Roads to Mecca, Ten Centuries of Travelers Writing about the Muslim Pilgrimage*. New York: Grove Press, 1997.

A good resource for social studies/history; Islam.

## Science/Math

Acikgenc, Alparsalan. *Islamic Science, Towards a Definition*. Kuala Lumpur: ISTAC, 1996.

A short and useful book on the philosophy of Islamic science. High school

Afnan, Soheil. *Avicenna, His Life and Works*. Kuala Lumpur: The Other Press, 2009.

Science/Social studies/History: This work can be used in many ways: to introduce life and works of Ibn Sina as part of history/intellectual thought; personalities; in English for writing a biographical essay, easy read, middle/high school

al-Andalusi, Sa'id. *Science in the Medieval World, "Book of the Categories of Nations"*. Austin: University of Texas Press, 1991.

Science/Social studies/History: An interesting work by an Andalusian Muslim, can be used as extra reading for building an understanding of Islamic intellectual history, especially in the scientific tradition/high school

Al-Attas, Syed Muhammad Naquib, *Islam and the Philosophy of Science*. Kuala Lumpur: ISTAC, 1989.

Daud, Wan Mohd Nor Wan. *The Educational Philosophy and Practice of Syed Muhammad Naquib Al-Attas, An Exposition of the Original Concept of Islamization*. Kuala Lumpur: ISTAC, 1998.

For teachers/advanced students: This further explains al-Attas' theory, much easier to read than al-Attas' own work (above), a good read for all teachers/educators. Subject: Teaching Science from an Islamic perspective requires an understanding of Islamic philosophy of science; this is a must read for teachers teaching science

Baber, Zaheer. *The Science of Empire, Scientific Knowledge, Civilization, and Colonial Rule in India*. Albany: State University of New York Press, 1996.

A very important book on sociology of science; a must read for teachers teaching science

Bacon, Francis. *Novum Organum*. Chicago: Open Court, 1994.

A must read for understanding modern science

Bakar, Osman. *The History and Philosophy of Islamic Science*. Cambridge: Islamic Texts Society, 1999.

A good book (easier to read) for teachers teaching science

Banu Musa. *The Book of Ingenious Devices*, Islamabad: Pakistan Hijra Council, 1410AH/1989.

Berggren, J. L., *Episodes in the Mathematics of Medieval Islam*, New York: Springer-Verlag, 1986.

Al-Biruni. *The Book Most Comprehensive in Knowledge on Precious Stones*. Islamabad: Pakistan Hijra Council, 1410AH/1989.

This is an amazing book, weaving Qur'anic verses, science and geography, good read for high school students

Dallal, Ahmad. *Islam, Science, and the Challenge of History*. New Haven: Yale University Press, 2010.

Subject: Teaching Science from an Islamic perspective requires an understanding of history of Islamic science; this is a must read for teachers teaching science; see its review in *Islam & Science* (volume 10, no. 1, 2012).

Al-Hassani, Salim, *1001 Inventions, Muslim Heritage in Our World*, Manchester: Foundation for Science, Technology and Civilisation, 2006.

Iqbal, Muzaffar. *Islam and Science*, Aldershot: Ashgate, 2002.

Subject: History of science/philosophy of science. An advance book on Islamic science, its philosophy, history. For high school science teachers.

\_\_\_\_. *Islam and Science: Historic and Contemporary Perspectives*. Surrey: Ashgate, 2012.

Vol. 1 *Studies in the Islam and Science Nexus*

Vol. 2 *Contemporary Issues in Islam and Science*

Vol. 3 *New Perspectives on the History of Islamic Science*

Vol. 4 *Studies in the Making of Islamic Science: Knowledge in Motion*.

\_\_\_\_. *The Making of Islamic Science*. Kuala Lumpur: IBT, 2007.

Subject: History of science/philosophy of science A basic, easy to read book. High school reading list.

\_\_\_\_. *Science and Islam*. London: Greenwood Press, 2007.

This is the American edition of *The Making of Islamic Science*.

*Islam and Science, Journal of Perspectives on Science, Civilization, and Intellectual History* published by Center for Islam and Sciences.

20 issues so far, various articles on education, Shadhra pieces may be useful for teachers/high school students

Al-Khwarazmi, *Algebra*, Islamabad: Pakistan Hijra Council, 1409AH/1989.

Subject: Islamic civilization/science/math: an advance work, but can be used by brighter high school students.

Al-Jazari, *The Book of Knowledge of Ingenious Mechanical Devices*, Islamabad: Pakistan Hijra Council, 1409AH/1989.

Valuable sourcebook with reproductions of original drawings and detailed descriptions

King, David. *In Synchrony with the Heavens, Studies in Astronomical Timekeeping and Instrumentation in Medieval Islamic Civilization*. Leiden: Brill.

Vol.1, *The Call of the Muezzin*. 2004.

Vol.2, *Instruments of Mass Calculation*, 2005.

\_\_\_\_. *World-Maps for Finding the Direction and Distance to Mecca, Innovation and Tradition in Islamic Science*. Leiden: Brill, 1999.

Subject: Islamic civilization, history of science/history/social studies: These works are original research of a dedicated scholar, they can be used to provide basic data to students for a proper understanding of history of Islamic science; this provides a much better approach than glorifying some imaginary Muslim heroes...

Maddox, John. *What Remains to be Discovered, Mapping the Secrets of the Universe, the Origins of Life, and the Future of the Human Race*. London: The Free Press, 1998.

Subject: A fascinating work for high school science; easy to read.

Nasr, Seyyed Hossein. *Science and Civilization in Islam*. Cambridge, Islamic Texts Society, 1987.

Subject: Science: A good survey of Islamic scientific tradition...a must for high school science students

Perry, N. Whittall. *The Widening Breach, Evolution in the Mirror of Cosmology*. Cambridge: Quanta Essentia, 1995.

Subject: Science: This is one of the most powerful critiques of Darwinism; an advance work, only a few teachers and the brightest of high school students can profit from it, but those who do, will admire it.

Saliba, George. *Islamic Science and the Making of the European Renaissance*. Cambridge: MIT Press, 2007.

A must read for teachers who teach science from Islamic perspective to High school students

Tahan, Malba. *The Man Who Counted, a Collection of Mathematical Adventures*, New York: W.W. Norton & Company, 1993.

This is a must for middle school/high school. A fascinating book that can be used as story book for lower grades 4-6, a math book for the same grades, it contains a lot of good stories, all revolving around math.

### Language Arts

Asad, Muhammad. *The Road to Mecca*. Gibraltar: Dar Al-Abdulus, 1980.

Khalidi, Muhammad Ali, *Medieval Islamic Philosophical Writings*. Cambridge: Cambridge University Press, 2005.

Introduction to each text and the translation of works by Al-Farabi, Ibn Sina, Al-Ghazali, Ibn Tufayl, and Ibn Rushd.

Lings, Martin. *The Sacred Art of Shakespeare, to take upon us the mystery of things*. Rochester, Vermont: Inner Traditions, 1998.

Subject: English: This is a must read by teachers who teach English/Shakespeare, but bright high school students can gain insights into Shakespeare by reading this beautiful text

Mason, Herbert. *A Legend of Alexander and the Merchant and the Parrot*. Notre Dame: University of Notre Dame Press, 1986.

Subject: English: A very good and short work, a must. High school

Schimmel, Annemarie. *Mystical Dimensions of Islam*. Kuala Lumpur: Islamic Book Trust, 1975.

English; general religious studies

## **Qur'an/ Hadith/ Islam**

Ad-Dihlawi, 'Abd al-'Aziz. *The Garden of the Hadith Scholars (Bustan al-Muhaddisthin)*. London: Turath Publishing, 2007.

al-Ghazali. *Faith in Divine Unity and Trust in Divine Providence*. Louisville: Fons Vitae, 2001.

\_\_\_\_\_. *Inner Dimensions of Islamic Worship*. Leicester: Islamic Foundation, 1983.

\_\_\_\_\_. *Invocations and Supplications*. Cambridge: Islamic Texts Society, 1990.

\_\_\_\_\_. *Letter to a Disciple*. Cambridge: Islamic Texts Society, 2005.

\_\_\_\_\_. *On the Manners Relating to Eating*. Cambridge: Islamic Texts Society, 2000.

These works can be included in high school reading list—they are easier to read than some of other works by al-Ghazali, they provide wonderful insights and inspire students

Hamidullah, Muhammad. *An Introduction to the Conservation of Hadith, In the Light of the Sahifah of Hammam ibn Munabbih*. Kuala Lumpur: IBT, 2003.

A basic, easy to read work that can be included in the high school reading list.

Ibn Al-Jawzi, 'Abd Al-Rahman, *The Attributes of God*, Bristol: Amal Press, 2006.

Ibn Jama'ah. *The Memoir of the Listener and the Speaker in the Training of Teacher and Student*. Islamabad: Pakistan Hijra Council, 1423AH/1991.

*Integrated Encyclopedia of the Qur'ān*, Center for Islam and Sciences, 2013. [www.iequran.com](http://www.iequran.com).

Iqbal, Muzaffar. *The Qur'ān, Orientalism and the Encyclopaedia of the Qur'ān*. Kuala Lumpur: IBT, 2009.

Izutsu, Toshihiko, *God and Man in the Qur'ān, Semantics of the Qur'ānic Weltanschauung*. Kuala Lumpur: IBT, 2002.

A good work on the Qur'an, high school students, also for teachers

Lings, Martin. *Muhammad, his life based on the earliest sources*. London: Islamic Texts Society, 1983.

Subject: Islamic studies: A good seerah, with wonderful language and a sense of immediacy...

Al-Qurtubi. *The Secrets of Asceticism*. Bristol: Amal Press, 2008.

Subject: Islam; a good text for high school students.

Rahman, Fazlur. *Major Themes of the Qur'ān*. Kuala Lumpur: IBT, 1989.

Subject: Islam; a good text for high school students, but under qualified teachers/supervision.

Renard, John, Ed. *Windows on the House of Islam, Muslim Sources on Spirituality and Religious Life*. London: University of California Press, 1998.

Subject: Islam; high school students; need supervision

## Education

Al-Attas, Syed Muhammad Naquib, *The Concept of Education in Islam, a Framework for an Islamic Philosophy of Education*. Kuala Lumpur: ISTAC, 1991.

For teachers/advanced students: This is a primary and one of the few basic texts outlining approaches to education in a specific framework, a must for all teachers/educators

Baloch, N. A. *Great Books of Islamic Civilization*. Islamabad: Pakistan Hijra Council, 1409AH/1989.  
A survey of great books, brief introductions

Harder, Elma Ruth, *Concentric Circles, Nurturing Awe and Wonder in Early Learning, a Foundational Approach*. Sherwood Park: Al-Qalam Publishing, 2006.

For teachers and parents, an integrated holistic approach to facilitate learning with the Qur'anic worldview; provides framework and templates to plan thematic units