



Elementary Social Studies

2016

**ELEMENTARY SOCIAL STUDIES STANDARDS
IN SEVENTH-DAY ADVENTIST SCHOOLS**

OFFICE OF EDUCATION | North American Division Seventh-day Adventist Church

ADVENTIST EDUCATION STANDARDS

Standards, what learners should know (content) and be able to do (skills), serve as the framework for curriculum development. Standards in NAD Seventh-day Adventist schools reflect the Adventist worldview across the K-12 curricula as well as the integration of national and provincial/state standards. The Adventist worldview accepts the Bible as the standard by which everything else is measured. Four key concepts emerge from a biblical worldview that can be used as a lens for curriculum development, as well as informing the essential questions and big ideas of any content area: Creation (What is God's intention?), Fall (How has God's purpose been distorted?), Redemption (How does God help us to respond?), and Re-creation (How can we be restored in the image of God?).

— THE CORE OF ADVENTIST EDUCATION CURRICULUM

NATIONAL COUNCIL FOR THE SOCIAL STUDIES TEN MAJOR THEMES

1. Culture
2. Time, Continuity, and Change
3. People, Places, and Environments
4. Individual Development and Identity
5. Individuals, Groups, and Institutions
6. Power, Authority, and Governance
7. Production, Distribution, and Consumption
8. Science, Technology, and Society
9. Global Connections
10. Civic Ideals and Practices

STANDARDS CODING

The standards have been coded so that educators can easily refer to them in their curriculum, instruction, and assessment practices. The coding system that precedes each standard uses the following system of abbreviations:

- All are identified with **SS**-Social Studies (**SS.K-4.C.1**).
- The second part of the code refers to the grade level (**SS.K-4.C.1**).
- The third part of the code refers to the particular Social Studies domain (**SS.K-4.C.1**), with **C** standing for Culture.
- The fourth part of the code refers to a particular skill within the social studies domain (**SS.K-4.C.1**).
- Following the standard is the National Curriculum Standards for Social Studies (NCSS) correlation.
- Where no code exists, there is no corresponding national standard.

NCSS FORMAT

The framework for The National Curriculum Standards for Social Studies (NCSS) is organized into three parts: knowledge (what learners need to understand), processes (what learners will be capable of doing), and products (how learners demonstrate understanding). Knowledge and processes are referenced in this document, with the processes denoted by bullets. Refer to the NCSS website for assessment options.

CREDITS

The following resources were referenced in developing *Elementary Social Studies Standards for Seventh-day Adventist Schools*: National Curriculum STANDARDS for Social Studies – A Framework for Teaching, Learning, and Assessment (NCSS); NAD Curriculum Guide for Social Studies K-8; and The Core of Adventist Education Curriculum.

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2016 SOCIAL STUDIES STANDARDS — 8. SCIENCE, TECHNOLOGY, AND SOCIETY

Utilize relevant and appropriate biblical and Seventh-day Adventist historical references in the context of: *Kindergarten Stepping Stones*; 1st Grade, Families; 2nd Grade, Communities; 3rd Grade, Communities around the World; 4th Grade, State/Regions.

GRADE	STANDARDS	(NGSS ALIGNMENT)	TEXTBOOK CORRELATION, IF ANY
Essential Question: How has God enabled humans to develop science and technology to improve society?			
Big Idea: God designed humans with wisdom, inquiring minds, and varied talents to discover ways to enrich life.			
K-4	Describe how science involves the study of the natural world and how technology refers to the tools we use to accomplish tasks. (KE 8.1) SS.K-4.STS.1		G2: T26, T27 G3: T20, T21, T20, T21, 122-123 G4: 47, 61, 139, 213, 236, 244, 245, 276
	Identify the points of view expressed in information sources regarding science and technology. (PE 8.6)		G3: T20, T21
	Cite examples of how society often turns to science and technology to solve problems. (KE 8.2) SS.K-4.STS.2		G2: T26, T27 G3: 122-123 G4: 139, 179, 213, 236, 244, 245, 276
	Use diverse types of media technology to research and share information. (PE 8.2)		G1: 20-21
	Design a project using technology to serve the church and community. SS.K-4.STS.3		G2: 236
	Illustrate how media and technology are a part of every aspect of our lives. (KE 8.3) SS.K-4.STS.4		GK: 18, 19 G1: 20-21 G2: 144-145 G3: T20, T21, 122-123 G4: 47, 61, 139, 213, 236, 244, 245, 276
	Ask and find answers to questions about the ways in which science and technology affect our lives. (PE 8.1)		GK: 18, 19 G1: 20-21 G2: T26, T27, 144-145 G3: T20, T21, 122-123 G4: 47, 61, 139, 213, 236, 244, 245, 276
	Discuss the ways in which scientific findings and various forms of technology influence our daily lives. (KE 8.4) SS.K-4.STS.5		GK: 18, 19 G1: 20-21 G2: T26, T27, 144-145 G3: T20, T21, 122-123 G4: 47, 61, 139, 213, 236, 244, 245, 276
	Identify examples of science and technology in daily life. (PE 8.3)		GK: 18, 19 G1: 20-21 G2: T26, T27, 144-145 G3: T20, T21, 122-123 G4: 47, 61, 139, 213, 236, 244, 245, 276
	Demonstrate how science leads to new technology in areas such as communication and transportation resulting in change over time. (KE 8.5) SS.K-4.STS.6		G2: 144-145 G3: 122-123 G4: 36, 37, 47, 61, 179, 213, 236, 244, 245, 276
	Research and evaluate various scientific and technological proposals for addressing real-life issues and problems. (PE 8.7)		G1: 20-21 G4: 236
	Compare and contrast examples of how science and technology can have both positive and negative impacts on individuals, society, and the globe. (KE 8.6) SS.K-4.STS.7		G4: 61
	Identify examples of the use of science and technology in society as well as the consequences of their use. (PE 8.4)		G2: T26, T27 G3: 122-123 G4: 36, 37, 61, 139, 213, 236, 244, 245, 276
	Research a scientific topic or type of technology developed in a particular time or place, and determine its impact on people's lives. (PE 8.5)		236, 244, 245, 276 G1: 20-21 G2: T26, T27 G4: 139, 213, 236, 244, 245, 275

2016 SOCIAL STUDIES STANDARDS — 8. SCIENCE, TECHNOLOGY, AND SOCIETY (CONTINUED)

Utilize relevant and appropriate biblical and Seventh-day Adventist historical references in the context of: 5th Grade, United States History; 6th Grade, World History; 7th Grade, World History; 8th Grade, United States History.

GRADE	STANDARDS	(NGSS ALIGNMENT)	TEXTBOOK CORRELATION, IF ANY
Essential Question: How has God enabled humans to develop science and technology to improve society?			
Big Idea: God designed humans with wisdom, inquiring minds, and varied talents to discover ways to enrich life.			
5-8	SS.5-8.STS.1	Discuss how science is a result of empirical study of the natural world and that technology is the application of knowledge to accomplish tasks. (KM 8.1)	W: 56, 83, 92, 226-227, 238-240, 279, 344-345, 413-414, 483-486, 591, 619, 642-649, 690-695, 702-703, 730, 816-817 US: 30-31, 297, 304-306, 376-381, 388-389, 522-525, 530, 552, 554-559, 649, 662-663, 700-701, 805-807, 936
	SS.5-8.STS.2	Develop a logical argument that there are gaps in access to science and technology around the world. (KM 8.10)	W: 818-819 US: 936-941
	SS.5-8.STS.2	• Select, organize, evaluate, and communicate information about the impact of science or technology on a society today or in the past. (PM 8.5)	W: 32, 56-57, 77-78, 83, 91-92, 113-114, 225-227, 238-240, 270-271, 296-297, 344-345, 413-414, 483-486, 515, 591, 619, 642-649, 690-695, 702-703, 730, 766-767, 816-819 US: 30-31, 297, 303-306, 376-381, 388-389, 522-525, 530, 552, 554-559, 587-588, 649, 662-663, 698-701, 774-777, 803-805, 851, 936
	SS.5-8.STS.3	Investigate how society often turns to science and technology to solve problems. (KM 8.2)	US: 303-306, 376-381, 388-389, 522-525, 530, 552, 554-559, 587-588, 649, 662-663, 698-701, 774-777, 803-805, 851, 936
	SS.5-8.STS.4	Give evidence of how our lives today are media and technology dependent. (KM 8.3)	W: 32, 816-817 US: 555, 803-804, 936
	SS.5-8.STS.5	Compare and contrast how science and technology have had both positive and negative impacts upon individuals, societies, and the environment in the past and present. (KM 8.4)	W: 32, 56-57, 77-78, 83, 91-92, 113-114, 225-227, 238-240, 270-271, 296-297, 344-345, 413-414, 483-486, 515, 591, 619, 642-649, 690-695, 702-703, 730, 766-767, 816-819 US: 30-31, 297, 303-306, 376-381, 388-389, 522-525, 530, 552, 554-559, 587-588, 649, 662-663, 698-701, 774-777, 803-805, 851, 936
	SS.5-8.STS.5	• Ask and find answers to questions about the ways in which science and technology affect people's lives today in different places, and have done so in the past. (PM 8.1)	W: 32, 56-57, 77-78, 83, 91-92, 113-114, 225-227, 238-240, 270-271, 296-297, 344-345, 413-414, 483-486, 515, 591, 619, 642-649, 690-695, 702-703, 730, 766-767, 816-819 US: 30-31, 297, 303-306, 376-381, 388-389, 522-525, 530, 552, 554-559, 587-588, 649, 662-663, 698-701, 774-777, 803-805, 851, 936
	SS.5-8.STS.6	Understand the healthy benefits of time management and practice self-control when using technology.	
	SS.5-8.STS.7	Analyze how science and technology have changed people's perceptions of the social and natural world as well as their relationship to the land, economy and trade, their concept of security, and their major daily activities. (KM 8.5)	W: 32, 56-57, 77-78, 83, 91-92, 113-114, 225-227, 238-240, 270-271, 296-297, 344-345, 413-414, 483-486, 515, 591, 619, 642-649, 690-695, 702-703, 730, 766-767, 816-819 US: 30-31, 297, 303-306, 376-381, 388-389, 522-525, 530, 552, 554-559, 587-588, 649, 662-663, 698-701, 774-777, 803-805, 851, 936
	SS.5-8.STS.7	• Use diverse types of media technology to read, write, create, and review a variety of messages. (PM 8.2)	W: 18-21 US: See TE pages
	SS.5-8.STS.8	Use a variety of media and formats within digital environments to communicate ideas with authentic audiences, and engage in faith-based activities.	W: 18-21 US: See TE pages
	SS.5-8.STS.8	• Review sources to identify the purposes, points of view, biases, and intended audiences of reports and discussions of science and technology. (PM 8.4)	W: 18-21 US: See TE pages
	SS.5-8.STS.9	Validate how values, beliefs, and attitudes have been influenced by new scientific and technological knowledge. (KM 8.6)	W: 32, 56-57, 77-78, 83, 91-92, 113-114, 225-227, 238-240, 270-271, 296-297, 344-345, 413-414, 483-486, 515, 591, 619, 642-649, 690-695, 702-703, 730, 766-767, 816-819 US: 554-559, 662-663, 698-701, 774-777, 803-805, 936
	SS.5-8.STS.10	Recognize how a Christian uses technology as a responsible citizen.	
	SS.5-8.STS.11	Cite evidence of how media are created, received, and are dependent upon cultural contexts. (KM 8.7)	US: 555
	SS.5-8.STS.11	• Seek and evaluate varied perspectives when weighing how specific applications of science and technology have impacted individuals and society. (PM 8.3)	W: 32, 56-57, 77-78, 83, 91-92, 113-114, 225-227, 238-240, 270-271, 296-297, 344-345, 413-414, 483-486, 515, 591, 619, 642-649, 690-695, 702-703, 730, 766-767, 816-819 US: 30-31, 297, 303-306, 376-381, 388-389, 522-525, 530, 552, 554-559, 587-588, 649, 662-663, 698-701, 774-777, 803-805, 851, 936
	SS.5-8.STS.12	Analyze how science and technology sometimes create ethical issues that test our standards and values. (KM 8.8)	W: 227, 730, 766-767, 816-819 US: 662-663, 774-777
	SS.5-8.STS.13	Detail the need for laws and policies to govern scientific and technological applications. (KM 8.9)	W: 766-767, 816-819 US: 662-663, 774-777, 936
	SS.5-8.STS.13	• Use scientific findings and forms of technology to formulate possible solutions to real-life issues and problems, and predict outcomes. (PM 8.6)	W: 816-819 US: 555, 805, 936
	SS.5-8.STS.14	Design a project using technology to serve the church and community.	