

THE WORLD TODAY

Teacher's
Guide

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World today*



The World Today

Based on: National Standards for Social Studies Teachers •

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INTRODUCTION

This introduction explains the standards for social studies teachers—standards that were approved initially by the NCSS Board of Directors on April 27, 1997, revised, and approved as revised by the board in September 2002.

This introduction consists of two general sections:

(1) information about the background and contexts in which the standards were developed, and a description of the audiences to which the standards are addressed; and (2) the standards themselves. The standards are of two types: (1) **Subject Matter Standards**, which outline in some detail the social studies content that social studies teachers should know and the skills and disposition they should possess in order to teach social studies to students appropriately, and (2) **Pedagogical Standards**, which outline in very general ways the pedagogical knowledge, skills, and dispositions needed for general learner and teacher effectiveness.

The subject matter standards are the main focus and are described in detail because they are the primary areas of expertise and responsibility of NCSS and its members in the national education professional community. They describe the subject matter that NCSS as an organization believes teachers should know and be able to teach.

The pedagogical standards, on the other hand, are more general and are stated very briefly because NCSS is only one of many professional education expert organizations that have described and explained expectations of these types. The pedagogical standards are identified here primarily to indicate that NCSS concurs with the thrusts of these nine standards or principles.

Social Studies and the Nature of Learning

Although suggestions about how social studies should be taught are beyond the scope of this document, the subject matter standards for social studies teachers that are presented assume that social studies should be taught in manners that are consistent with (1) a constructivist view of learning, and (2) the principles of teaching social studies that have been identified in previous NCSS publications as “essential characteristics of powerful social studies.” Each of these is elaborated upon below.

Constructivist Learning

A constructivist view of learning describes learning as an intellectual process in which learners develop what they know by fitting new ideas together with ideas they have already learned from previous experience, and they do this fitting together in their own unique ways. In the process of making these intellectual constructions, learners are influenced by the social and intellectual environments in which they find themselves. As a result, because much learning occurs in schools and classrooms, these settings affect both how and what learners learn.

This constructivist learning process is often explained by using Jean Piaget’s concepts of adaptation, assimilation, and accommodation. When this explanation is provided in a school context, it can be described as follows: Learners see or hear something in their school environment (or experience it in some other way), interpret that new experience based on what they already know, and come to a personal understanding by connecting the new experience with their previous understanding. The result of the process is learning that is made up of three elements: (1) knowledge they gain from the new experience, (2) their prior understanding, and (3) their personal connection of the new and the old.

Because the learner’s previous understanding is unique and because the intellectual process he or she uses to make the connections is unique as well, the construction is personally unique to each individual.

Because learning occurs in this way, the primary teaching tasks of schools and teachers are (1) to provide constructivist-rich ideas and learning experiences, (2) to stimulate and guide learner constructivist thinking, and (3) to remember continuously that all members of the community—students, teachers, staff members, administrators, and parents—are learning all the time in their unique ways. Particularly important is the realization that teachers continuously learn from and about students just as students learn from teachers.

The World Today Is a Powerful Social Studies

The “essential characteristics of powerful social studies” as described by NCSS consist of five principles and each principle has direct implications for what teachers should know and be able to do and what dispositions they should possess. The five principles are as follows:

- *Social studies teaching and learning are powerful when they are meaningful.*

Meaningfulness is stimulated when:

- Students learn connected networks of knowledge, skills, beliefs, and attitudes that they will find useful both in and outside of school.
- Instruction emphasizes depth of development of important ideas within appropriate breadth of topic coverage and focuses on teaching these important ideas for understanding, appreciation, and life application.
- The significance and meaningfulness of the content is emphasized both in how it is presented to students and how it is developed through activities.

- Classroom interaction focuses on sustained examination of a few important topics rather than superficial coverage of many.
- Meaningful learning activities and assessment strategies focus students' attention on the most important ideas embedded in what they are learning.
- The teacher is reflective in planning, implementing, and assessing instruction; and the institution values reflection as demonstrated in its practices and policies.

Social studies teaching and learning are powerful when they are integrative.

Integration is encouraged when:

- Social studies subject matter is taught topically across disciplines.
- The subject matter cuts across time and space.
- The instruction interconnects knowledge, skills, beliefs, values, and attitudes with effective social/political action.
- The teaching makes effective use of technology.
- Social studies teaching and learning are connected to other subjects.

Social studies teaching and learning are powerful when they are values-based.

Social studies content invariably involves the examination and understanding of values—one's own and those of others—as values are expressed in points of view, beliefs, policies, actions, or inactions. Values-based instruction appropriate to education in a democratic society committed to safeguarding individual rights and the common good occurs when:

-
- Social studies teachers guide students to consider the ethical dimensions of topics and address controversial issues, providing an arena for reflective development of concern for the common good and application of social values.
 - Students are made aware of potential social policy implications and taught to think critically and make value-based decisions about related social issues.
 - Rather than promulgating personal, sectarian, or political views, teachers make sure that students: (a) become aware of the values, complexities, and dilemmas involved in an issue; (b) consider the costs and benefits to various individuals and groups that are embedded in potential courses of action; and (c) develop well-reasoned positions consistent with basic democratic social and political values.
 - Teachers encourage recognition of opposing points of view, respect for well-supported positions, sensitivity to cultural similarities and differences, and a commitment to social responsibility.

Social studies teaching and learning are powerful when they are challenging.

Social studies becomes challenging when:

- Students are expected to strive to accomplish the instructional goals, both as individuals and group members.
- Teachers model seriousness of purpose and a thoughtful approach to inquiry, and use instructional strategies designed to elicit and support similar qualities from students.
- Teachers show interest in and respect for students' thinking and demand well-reasoned arguments rather than opinions voiced without adequate thought or commitment.

Social studies teaching and learning are powerful when the learning is active.

Social studies involves productive active learning when:

- Teachers and students engage in reflective thinking and decision-making as events unfold during instruction.
- Students develop new understanding through a process of active construction of knowledge.
- Interactive discourse facilitates the construction of meaning required to develop important social understanding.
- Teachers gradually move from providing considerable guidance by modeling, explaining, or supplying information that builds student knowledge, to a less directive role that encourages students to become independent and self-regulated learners. Teachers emphasize authentic activities that call for real-life applications using the skills and content of the field.



STANDARDS: I. SUBJECT MATTER STANDARDS

The subject matter standards itemized below are intended to assure that (1) social studies teachers possess the knowledge, capabilities, and dispositions associated with the central concepts, tools of inquiry, and structures of the disciplines that make up the social studies and (2) that they are able to create learning experiences that make these aspects of subject matter meaningful for learners. They are directed toward the initial licensure of beginning teachers. The subject matter standards are of three types: thematic standards, disciplinary standards, and programmatic standards for initial licensure.

The thematic standards are based on the NCSS document *Expectations of Excellence: Curriculum Standards for Social Studies* (1994), which describes NCSS expectations of what pre-K-12 learners should know and be able to do. The thematic standards listed below specify what social studies teachers should know and be able to do in order to teach the learners assigned to them. They apply to individuals, teacher preparation programs, and state standards and procedures that concern licensure (or certification) for endorsement in (1) social studies as a broad field of endorsement; (2) any of the specific disciplines that fall within social studies—history, geography, civics and government, economics, psychology, sociology, and anthropology; and (3) other interdisciplinary licensure areas that are based primarily on social studies/social science subject matter.

The disciplinary standards are based on documents that have been compiled in recent years by various expert groups who have identified what they believe pre-K-12 learners should know and be able to do as a result of instruction in specific social studies/social science discipline-based subjects—history, geography, and so forth. The disciplinary standards listed below specify what teachers in the specific licensure areas of history, geography, civics and government, economics, and psychology should know and be able to do to teach appropriately.

Both the thematic and the disciplinary standards are expected to be used directly in four ways: (1) to assess the knowledge and competence of individuals seeking licensure (or certification) to teach social studies or any of the disciplines within social studies, (2) to assess the quality of teacher education programs that prepare these individuals for initial licensure (or certification), (3) to determine the appropriateness of state standards and procedures that are used to evaluate teacher preparation programs that would be designated “nationally recognized” by NCSS, and (4) to guide those establishing criteria and procedures to be used for advanced certification of social studies teachers, such as the National Board for Professional Teaching Standards (NBPTS).

Although both sets of standards identify areas in which knowledge and competence are expected to be demonstrated, the standards do not specify minimums to be met. This is intentional and in keeping with the role of these standards and their use as described above in the general introduction to this document. In essence, these standards stipulate what areas of knowledge and competence should be required of social studies teachers and the programs that prepare them. Entities such as the institutions that prepare teachers, state licensure offices, the Interstate New Teacher Assistance and Support Consortium (INTASC), NCATE, NCSS reviewers and the NBPTS are expected to determine how much knowledge and competence is to be expected for each of the uses of the standards. It is realistic to assume that particularly well met standards will compensate in some degree for standards that are less well met.

The programmatic standards for initial licensure are of a different order from the thematic and disciplinary standards. They focus directly on teacher preparation programs for initial licensure rather than on the individuals seeking the licenses. They are intended to assure that teacher preparation programs provide the necessary experiences and resources to enable their teacher candidates to become knowledgeable and competent. They are expected to be used for NCSS approval of (1) institutional programs and (2) state standards and procedures that are used to evaluate teacher preparation programs that seek to be designated as “nationally recognized” by NCSS.

A. THEMATIC STANDARDS

These ten thematic standards apply to all individuals seeking initial licensure (or certification) in social studies, (1) as a broad field; (2) in any of the specific disciplines that fall within social studies—history, geography, civics and government, economics, psychology, sociology, and anthropology; and (3) in other interdisciplinary licensure areas that are based primarily on social studies/social science subject matter. They also apply to the teacher preparation programs that prepare these individuals for these respective licenses (certificates). It is recognized however, that depths of knowledge and degrees of competence will, of necessity, vary across the ten standards from individual to individual and program to program. Although no standard should be ignored, neglected, or completely unmet, how well or thoroughly each should be met should be judged during the processes of institutional program development and state licensing, and during reviews by NCSS program reviewers, INTASC, NCATE, and entities that award advanced certification, such as NBPTS.

CULTURE AND CULTURAL DIVERSITY

Social studies teachers should possess the knowledge, capabilities, and dispositions to organize and provide instruction at the appropriate school level for the study of culture and cultural diversity.

Human beings, learn, modify, and adapt to their cultures. Their culture helps them comprehend and make sense of themselves as individuals and members of various groups. Cultures predispose individuals to develop perspectives, make assumptions, create ideas, and behave in particular ways. Cultures are similar in how they influence individuals but they differ in the specifics of their influence. All cultures have systems of knowledge, values, traditions, and beliefs; yet the specifics of each may vary widely.

Each cultural system is also unique. Cultures and systems within cultures are dynamic, ever-changing, and highly influential on the thoughts and actions of those who belong to them.

In a democratic and culturally diverse society, students need to comprehend multiple perspectives that emerge from within their own culture and from the vantage points of the diverse cultural groups within that society. These understandings allow them to make sense of the actions, ideas, and products of others as well as to relate to and interact with people within their diverse society and throughout the world.

Cultural diversity is a fact in every modern-day society and few nations or empires in the past were void of such diversity. The challenge of all people is, wherever and whenever possible, to consider the strengths and advantages that this diversity offers to the society in general, and to their own growth as a human being in particular.

This consideration is especially important in societies that value human rights, the principles of democracy and equity, and the notion that individuals should act to promote the public good.

Teachers of social studies at all school levels should provide developmentally appropriate experiences as they guide learners in the study of culture and cultural diversity.

They should:

- assist learners to understand and apply the concept of culture as an integrated whole that governs the functions and interactions of language, literature, arts, traditions, beliefs, values, and behavior patterns;
- enable learners to analyze and explain how groups, societies, and cultures address human needs and concerns; from diverse cultural perspectives and frames of reference;

- guide learners as they predict how experiences may be interpreted by people from diverse cultural perspectives and frames of reference;
- encourage learners to compare and analyze societal patterns for transmitting and preserving culture while adapting to environmental and social change;
- enable learners to assess the importance of cultural unity and diversity within and across groups;
- have learners interpret patterns of behavior as reflecting values and attitudes, which contribute to or pose obstacles to cross-cultural understanding;
- guide learners in constructing reasoned judgments about specific cultural responses to persistent human issues;
- have learners explain and apply ideas, theories, and modes of inquiry drawn from anthropology and sociology in the examination of persistent issues and social problems.

In focusing on Culture and Cultural Diversity, teachers at various school levels should build upon learners' knowledge, experience, and developmental capabilities.

- Teachers of the early grades can assist learners to explore, comprehend, and apply critical information, ideas, and concepts that are common across societies, social institutions, cultures, and cultural perspectives. They can help learners comprehend cultural universals, such as norms, folkways, sanctions, social institutions, arts, and taboos and use them to analyze their own and other cultures. They can use comparisons of cultures or subcultures and their perspectives, whether they exist in the present or past, to highlight contextual understanding. Socially, the young learner can be actively and frequently interacting in appropriate ways with other students, some of whom are like the learner and some different. These interactions can be encouraged and monitored and can involve rather than avoid dialogues about the substance of one's own culture and perspectives and those of others.

- Teachers of the middle grades can assist learners to explore and ask questions about the nature of culture that provide a wider range of cultural universals and in-depth study of the specific aspects of particular cultures in similar and different places, times, conditions, and contexts. Teachers can encourage learners to consider the connections between the assumptions, beliefs, and values of a culture and the actions, policies, and products of people in multiple situations. They can help them analyze the ways that a people's cultural ideas and actions influence its members. Through this inquiry, learners can begin to consider such phenomena as cultural lag, assimilation, accommodation, and the strength of the impact traditions have on thought and action within any particular social group.

- High school teachers can help learners deepen their comprehension and increase their application of cultural concepts already studied, such as cultural lag, assimilation, accommodation, and the impact of traditions on thought and action within social groups. They can also introduce new concepts such as the function and interactions of language, literature, and the arts in terms of traditions, beliefs, and values; and the transmitting of culture under circumstances of environmental, technical, and social change. Learners should be able to engage independently in in-depth analysis of any cultural group or subgroup and in-depth comparison of any two or more cultural groups or subgroups. They should be able to connect their comprehension of cultural groups to the realities of cultural diversity within multicultural societies and consider how culturally different groups can cooperate to enhance the public good.



TIME, CONTINUITY, AND CHANGE

Social studies teachers should possess the knowledge, capabilities, and dispositions to organize and provide instruction at the appropriate school level for the study of Time, Continuity, and Change.

Learner Expectations

The study of time, continuity, and change and how historians study the past allows learners to understand their historical roots and to locate themselves in time. Learning how to read and reconstruct the past allows them to develop a historical perspective and to answer questions such as: Who am I? What happened in the past? How can I make my understanding of the past more accurate? How has the world changed and how might it change in the future? How and why does our personal sense of relatedness to the past change? How can the perspective we have about our own life experiences be viewed as part of the larger human story across time? How do our personal stories reflect varying points of view and inform contemporary ideas and actions? How can we draw on a knowledge of history to make informed choices and decisions in the present?

Teacher Expectations

Teachers of social studies at all school levels should provide developmentally appropriate experiences as they guide learners in the study of time, continuity, and change.

They should:

- assist learners to understand that historical knowledge and the concept of time are socially influenced constructions that lead historians to be selective in the questions they seek to answer and the evidence they use;
- help learners apply key concepts such as time, chronology, causality, change, conflict, and complexity to explain, analyze, and show connections among patterns of historical change and continuity;
- enable learners to identify and describe significant historical periods and patterns of change within and across cultures, including but not limited to, the development of ancient cultures and civilizations, the emergence of religious belief systems, the rise of nation-states, and social, economic, and political revolutions;
- guide learners in using such processes of critical historical inquiry to reconstruct and interpret the past, such as using a variety of sources and checking their credibility, validating and weighing evidence for claims, searching for causality, and distinguishing between events and developments that are significant and those that are inconsequential;
- provide learners with opportunities to investigate, interpret, and analyze multiple historical and contemporary viewpoints within and across cultures related to important events, recurring dilemmas, and persistent issues, while employing empathy, skepticism, and critical judgment; and enable learners to apply ideas, theories, and modes of historical inquiry to analyze historical and contemporary developments, and to inform and evaluate actions concerning public policy issues.

School Applications

In focusing on the theme Time, Continuity, and Change, teachers at various school levels should build upon learners' knowledge, experience, and developmental capabilities.

- Teachers of the early grades can provide learners experience with sequencing to help establish a sense of order and time. Teachers at this level can make stories of the recent past as well as of long ago available to learners. In addition, they can help learners recognize that individuals may hold different views about the past and understand the linkages between human decisions and consequences. Teachers of these grades can lay the foundation for the development of historical knowledge, skills, and values.
- Teachers of the middle grades can provide a beginning level of a formal study of history so that learners can continue to expand their understanding of the past and of historical concepts and inquiry. At this level, teachers can facilitate the understanding and appreciation of differences in historical perspectives, and the recognition that interpretations are influenced by individual experiences, societal values, and cultural traditions. They can also help students understand the values of individuals in shaping historical events, their motives, challenges, and accomplishments, as well as the role of irrational and unpredictable factors.
- High school teachers can engage learners in a sophisticated analysis and reconstruction of the past, helping them to examine the relationship of the past to the present and extrapolating into the future. Teachers can facilitate learners' integration of individual stories about people, events, and situations so that they might form a holistic conception, in which continuity and change are linked in time and across cultures. Teachers can help learners to draw on their knowledge of history to make informed choices and decisions in the present.

PEOPLE, PLACES, AND ENVIRONMENTS

Social studies teachers should possess the knowledge, capabilities, and dispositions to organize and provide instruction at the appropriate school level for the study of People, Places, and Environments.

Learner Expectations

The study of people, places, and human-environment interactions leads learners to create their spatial views and geographic perspectives of the world. Today's social, cultural, economic, and civic demands on individuals require that learners understand the world in spatial terms and possess knowledge of places and regions, physical terms, and the interactions of environment and society. In addition, learners need the ability to map information in a spatial context and to interpret such maps. The study of people, places, and environments will also help to promote learners' capabilities to make informed and critical decisions about the relationships between human beings and their environment.

Teacher Expectations

Teachers of social studies at all school levels should provide developmentally appropriate experiences as they guide learners in the study of people, places, and environments.

They should:

- Enable learners to use, interpret, and distinguish various representations of Earth such as maps, globes, and photographs, and to use appropriate geographic tools;
- Encourage learners to construct, use, and refine maps and mental maps, calculate distance, scale, area, and density, and organize information about people, places, regions, and environments in a spatial context;
- Help learners to locate, distinguish, and describe the relationships among varying regional and global patterns of physical systems such as landforms, climate, and natural resources, and explain changes in the physical systems;
- Guide learners in exploring characteristics, distribution, and migration of human populations on Earth's surface;
- Have learners describe how people create places that reflect culture, human needs, current values and ideals, and government policies;
- Provide opportunities for learners to examine, interpret, and analyze interactions of human beings and their physical environments, and to observe and analyze social and economic effects of environmental changes, both positive and negative;
- Challenge learners to consider, compare, and evaluate existing uses of resources and land in communities, regions, countries, and the world;
- Direct learners to explore ways in which Earth's physical features have changed over time, and describe and assess ways historical events have influenced and been influenced by physical and human geographic features.

School Applications

In focusing on the theme People, Places, and Environments, teachers at various school levels should build upon learners' knowledge, experience, and developmental capabilities.

- Teachers of the early grades can use learners' immediate personal experiences to have them reflect upon elements in their environment and how we use and think about the physical and built environment. They can also stimulate learners' interest in things distant and unfamiliar and help lay the foundation for concern about the use and abuse of the physical environment.
- Teachers of the middle grades can help learners relate their personal experiences to happenings in other environmental contexts. They can provide learning experiences which encourage increasingly abstract thought as learners use data and apply skills in analyzing human behavior in relation to its physical and cultural environments.
- High school teachers can guide learners in the application of geographic understandings across a broad range of fields in the sciences, and humanities. They can facilitate understanding of diverse cultures, both historical and contemporary, and help learners to use geographic concepts to comprehend global connections. They can also help learners recognize the importance of core geographic concepts for the analysis of public policy issues and help learners to address reflectively issues of domestic and international significance.

INDIVIDUAL DEVELOPMENT AND IDENTITY

Social studies teachers should possess the knowledge, capabilities, and dispositions to organize and provide instruction at the appropriate school level for the study of Individual Development and Identity.

Learner Expectations

All humans think, behave, and develop cognitively, socially, physically, emotionally, personally, and mentally as well as construct, test, confirm, revise, and apply multiple concepts of and multiple identities as to who they are. While much of what humans are and become has been associated with genetics and assumed natural stages of physical, psychological, emotional, and mental development, a far greater factor in mental, social, emotional, personal, and identity construction and application is the interaction of the individual with his or her environments and the consequences of these interactions. All individuals should know the factors that contribute to who they are; to what they think, feel, and believe; to what they decide and do; to why they are likely to make certain decisions and act in particular ways; and to how they perceive themselves, their abilities, their personality, and the world.

Teacher Expectations

Teachers of social studies at all school levels should provide developmentally appropriate experiences as they guide learners in the study of ideas associated with individual human development and identity.

They should:

- assist learners in articulating personal connections to time, place, and social/cultural systems;
- help learners to appreciate and describe the influence of cultures, past and present, upon the daily lives of individuals;
- assist learners to describe how family, religion, gender, ethnicity, nationality, socioeconomic status, and other group and cultural influences contribute to the development of a sense of self;
- have learners apply concepts, inquiry, methods, and theories in the study of human growth and development, learning, motivation, behavior, perception, and personality;
- guide learners as they analyze the interactions among ethical, ethnic, national, and cultural factors in specific situations;
- help learners to analyze the role of perceptions, attitudes, values, and beliefs in the development of personal identity and their effect upon human behavior;
- have learners compare and evaluate the impact of stereotyping, conformity, acts of altruism, discrimination, and other behaviors on individuals and groups;
- help learners understand how individual perceptions develop, vary, and can lead to conflict;
- assist learners as they work independently and cooperatively within groups and institutions to accomplish goals;
- enable learners to examine factors that contribute to and damage one's mental health; and analyze issues related to mental health and behavioral disorders in contemporary society.

School Applications

In focusing on the theme, Individual Development and Identity, teachers at various school levels should build upon learners' knowledge, experience, and capabilities.

- Teachers of the early grades can provide learners with opportunities to examine the personal changes that have occurred in them over time, especially their physical development, personal interests, and ideas about who they are and what they believe they can do and achieve. They can assist learners in examining how their thinking, feelings, and actions are similar to and different from those of others and to consider what may have contributed to their own thoughts, feelings, and actions and to the thoughts, feelings, and actions of others. They can also help learners to explore their own personalities and views of self and to consider how these may have come about in light of what they have done and how others have reacted toward them.
- Teachers of the middle grades can provide learners with opportunities to examine instances of human behavior in light of sound discipline-based concepts, principles, and factors associated with human memory, thinking, feeling, and behavior. For instance, learners may examine behaviors associated with peer pressure, conformity, personal identity, self-concept, deviance, stereotyping, altruism, social expectations, norms, and roles. They can assist learners to consider personality and individual differences and use sound concepts and principles to interpret and explain them as well as appreciate the commonalities and differences that exist among humans in different and the same cultures, age groups, and social contexts. They can also help learners apply psychological concepts and principles to describe and explain their personal, social, emotional, physical, and cognitive development so far, and the likely and possible changes that may occur over time as they grow older.

- High school teachers can provide learners with opportunities to comprehend and apply specific discipline-based concepts, theories, and principles of human memory, thinking, learning, development, and behavior to analyzing, interpreting, and explaining their own self and identities as well as their own behavior and the behavior of others. They can help learners analyze, interpret, and assess personality and individual differences and commonalities, and to consider possible influences of biological, social, cultural, economic, peer, and family conditions on personality, thinking, and behavior.

INDIVIDUALS, GROUPS, AND INSTITUTIONS

Social studies teachers should possess the knowledge, capabilities, and dispositions to organize and provide instruction at the appropriate school level for the study of interactions among Individuals, Groups, and Institutions.

Learner Expectations

Institutions such as schools, religions, families, governments, and businesses all play major roles in our lives. These and other institutions exert enormous influence over us, yet they are no more than organizational embodiments to further the core social values of those who comprise them. Thus, it is important that learners know how institutions are formed, what controls and influences them, how they control and influence individuals and culture, and how institutions can be maintained or changed. The study of individuals, groups, and institutions, drawing upon sociology, anthropology, and other disciplines, prepares learners to ask and answer questions such as: What is the role of institutions in this and other societies? How am I influenced by institutions? How do institutions change? What is my role in institutional change?

Teacher Expectations

Teachers of social studies at all school levels should provide developmentally appropriate experiences as they guide learners in the study of interactions among individuals, groups, and institutions.

They should:

- help learners understand the concepts of role, status, and social class and use them in describing the connections and interactions of individuals, groups, and institutions in society;
- help learners analyze groups and evaluate the influences of institutions, people, events, and cultures in both historical and contemporary settings;
- help learners to understand the various forms institutions take, their functions, their relationships to one another and how they develop and change over time;
- assist learners in identifying and analyzing examples of tensions between expressions of individuality and efforts of groups and institutions to promote social conformity;
- help learners to describe and examine belief systems basic to specific traditions and laws in contemporary and historical societies;
- challenge learners to evaluate the role of institutions in furthering both continuity and change;
- guide learner analysis of the extent to which groups and institutions meet individual needs and promote the common good in contemporary and historical settings;
- assist learners as they explain and apply ideas and modes of inquiry drawn from the behavioral sciences in the examination of persistent social issues and problems.

School Applications

In focusing on the theme Individuals, Groups, and Institutions, teachers at various school levels should build upon learners' knowledge, experience, and developmental capabilities.

- Teachers of the early grades should provide learners with opportunities to examine various institutions that affect their lives and influence their thinking. At this level, teachers can assist learners in recognizing the tensions that occur when the goals, values, and principles of two or more institutions or groups conflict—for example, when the school board prohibits candy machines in schools versus a class project to install a candy machine to help raise money for the local hospital. They can also help learners explore ways in which institutions such as churches or health care networks are created to respond to changing individual and group needs.
- Teachers of the middle grades can provide learners with varied experiences through which they can examine the ways in which institutions address human needs, change over time, promote social conformity, and influence cultures. At this level, teachers can encourage learners to use this understanding to suggest how groups and institutions may be used to promote the common good but sometimes fail to do so.
- High school teachers can help learners understand the paradigms and traditions that undergird social and political institutions. At this level, teachers can provide opportunities for learners to examine, use, and add to the body of knowledge associated with the behavioral sciences and social theory as it relates to the ways people and groups organize themselves around common needs, beliefs, and interests.

POWER, AUTHORITY, AND GOVERNANCE

Social studies teachers should possess the knowledge, capabilities, and dispositions to organize and provide instruction at the appropriate school level for the study of Power, Authority, and Governance.

Learner Expectations

Understanding the historical development of structures of power, authority, and governance and their evolving functions in contemporary society, as well as in other parts of the world, is essential for the development of civic competence.

In exploring this theme, learners confront such questions as: What is power? What is legitimate authority? How are governments created, structured, maintained, and changed? How can we keep government responsive to its citizens' needs and interests? How can individual rights be protected within the context of majority rule? By examining the characteristics of various governance systems, learners develop an understanding of how groups and nations attempt to resolve conflicts and seek to establish order and security. Through study of dynamic relationships among individual rights and responsibilities, the needs of social groups, and concepts of a just society, learners become more effective problem solvers and decision-makers when addressing persistent social problems encountered in public life.

Teacher Expectations

Teachers of social studies at all school levels should provide developmentally appropriate experiences as they guide learners in the study of power, authority, and governance.

They should:

- enable learners to examine the rights and responsibilities of the individual in relation to their families, their social groups, their community, and their nation;
- help students to understand the purpose of government and how its powers are acquired, used, and justified;
- provide opportunities for learners to examine issues involving the rights, roles, and status of individuals in relation to the general welfare;
- enable learners to describe the ways nations and organizations respond to forces of unity and diversity affecting order and security;
- have learners explain conditions, actions, and motivations that contribute to conflict and cooperation within and among nations;
- help learners to analyze and explain governmental mechanisms to meet the needs and wants of citizens, regulate territory, manage conflict, and establish order and security;
- challenge learners to apply concepts such as power, role, status, justice, democratic values, and influence to the examination of persistent issues and social problems;
- guide learners to explain and evaluate how governments attempt to achieve their stated ideals at home and abroad.

School Applications

In focusing on the theme *Power, Authority, and Governance*, teachers at various school levels should build upon learners' knowledge, experience, and developmental capabilities.

- Teachers of the early grades can assist learners in exploring their natural and developing sense of fairness and order as they experience relationships with others. Learners should develop an increasingly comprehensive awareness of rights and responsibilities. For example, learners can examine the rules, types of authority, and governmental

structures of their schools and communities. They can be asked to explore why certain rules exist and what might happen if they did not; why principals, teachers, and other adults at school have particular types of authority; and how rules are made at school and who enforces them. They can investigate rights and responsibilities as they apply to themselves as participants in their schools and communities.

- Teachers of the middle grades can help learners apply these rights and responsibilities in specific contexts, including their studies of history. During these years, learners can play an important role in developing rules for their own classrooms. They can also apply these rights and responsibilities in increasingly complex situations with emphasis upon new applications. For example, learners can be asked to develop hypothetical communities in which certain students play different power and authority roles and they can engage in enforcing rules when infractions are constructed through simulation. Finally, they can also begin or expand on their studies of power and authority in their local communities.
- High school teachers can help learners develop their abilities in the use of abstract principles. At this level, learners can study various systems that have been developed over the centuries to allocate and employ power and authority in the governance process. For example, they can compare structures and authority roles in monarchies, dictatorships, oligarchies, and democracies. They can also study local and national power situations and respond to them intellectually and in action as developing citizens who are reaching the age to vote.

PRODUCTION, DISTRIBUTION, AND CONSUMPTION

Social studies teachers should possess the knowledge, capabilities, and dispositions to organize and provide instruction at the appropriate school level for the study of how people organize for the Production, Distribution, and Consumption of goods and services.

Learner Expectations

People's wants often exceed the limited resources available to them, and as a result, they have invented a variety of ways to answer four fundamental questions: What is to be produced? How is production to be organized? How are goods and services to be distributed? How shall factors of production (land, labor, capital, and management) be allocated? Learners need to understand these universal questions and how they are being addressed by various groups. They also need to understand that unequal distribution of resources necessitates systems of exchange, including trade, to improve the well-being of individual groups, and the economy; that the role of government in economic policy-making varies over time and from place to place; that increasingly economic decisions are global in scope and require systematic study of an interdependent world economy; and that technology plays a significant role in economic decision making.

Teacher Expectations

Teachers of social studies at all school levels should provide developmentally appropriate experiences as they guide learners in the study of how people organize for the production, distribution, and consumption of goods and services.

They should:

- enable learners to explain how the scarcity of productive resources (human, capital, technological, and natural) requires the development of economic systems to make decisions about how goods and services are to be produced and distributed;
- help learners analyze the role that supply and demand, prices, incentives, and profits play in determining what is produced and distributed in a competitive market system;
- help learners compare the costs and benefits to society of allocating goods and services through private and public means;
- assist learners in understanding the relationships among the various economic institutions that comprise economic systems such as households, businesses, banks, government agencies, labor unions, and corporations;
- guide learner analysis of the role of specialization and exchange in economic processes;
- provide opportunities for learners to assess how values and beliefs influence private and public economic decisions in different societies;
- have learners compare basic economic systems according to how they deal with demand, supply, prices, the role of government, banks, labor and labor unions, savings and investments, and capital;
- challenge learners to apply economic concepts and reasoning when evaluating historical and contemporary social developments and issues;
- enable learners to distinguish between domestic and global economic systems, and explain how the two interact;
- guide learners in the application of economic concepts and principles in the analysis of public issues such as the allocation of health care or the consumption of energy, and in devising economic plans for accomplishing socially desirable outcomes related to such issues;
- help learners critically examine the values and assumptions underlying the theories and models of economics;
- help learners to distinguish between economics as a field of inquiry and the economy.

School Applications

In focusing on the theme Production, Distribution, and Consumption, teachers at various school levels should build upon learners' knowledge, experience, and developmental capabilities.

- Teachers of the early grades can help learners identify human wants common to all societies as well as unique to individuals. They can introduce learners to basic economic concepts and have them explore economic decisions as they compare their personal economic decisions with those of others and consider the consequences of those decisions on themselves, as well as on groups, communities, the nation, and the world.
- Teachers of the middle grades can help learners expand their knowledge of economic concepts and principles, and use economic reasoning processes in addressing issues related to the four fundamental economic questions. They can expose their students to dilemmas that require difficult economic choices, help them analyze the implications and underlying values of those choices, and help them make reasoned economic decisions.
- High school teachers can help learners develop economic concepts and processes through systematic study of a range of economic and socio-political systems, with particular emphasis on the examination of domestic and global economic policy options related to matters such as health care, resource use, employment, and trade. They can challenge learners to apply their economic knowledge to societal conditions as they analyze economic issues of past and present, clarify their own economic values, and refine their decision-making capabilities. They can also assist learners in clarifying and examining the explicit assumptions underlying both economic analyses by experts in the field, and the prevailing theories/models of economics.

SCIENCE, TECHNOLOGY, AND SOCIETY

Social studies teachers should possess the knowledge, capabilities, and dispositions to organize and provide instruction at the appropriate school level for the study of science, technology, and society.

Learner Expectations

Science is an enterprise that focuses on inquiry about natural phenomena; technology is the designing of things and processes to achieve practical purposes. Learners need to realize that both science and technology have had a profound effect in shaping human experience and the world around us. Tracing the impact of science and technology historically in such areas of human endeavor as agriculture, manufacturing, the production and distribution of goods and services, the use of energy, communication, transportation, information processing, medicine and health care, and warfare enables learners to understand how science and technology have influenced and been influenced by individuals, societies, and cultures.

By examining questions and issues raised historically and contemporaneously resulting from scientific inquiry and technological applications, learners can be better prepared to make informed decisions as citizens about individual choices and policy alternatives that face society. Are new technologies always better than old ones? What can we learn from the past about how the enterprises of science and technology have resulted in social changes, some of which are unanticipated? How can we cope with the ever-increasing pace of change? How can we manage scientific and technological activities so that the greatest number of people benefit from them and the rights and interests of the minority are not forfeited? How can we preserve our fundamental values and beliefs in the midst of scientific inquiry and technological change?

Teacher Expectations

Teachers of social studies at all school levels should provide developmentally appropriate experiences as they guide learners in the study of science and technology.

They should:

- enable learners to identify, describe, and examine both current and historical examples of the interaction and interdependence of science, technology, and society in a variety of cultural settings;
- provide opportunities for learners to make judgments about how science and technology have transformed the physical world and human society and our understanding of time, space, place, and human-environment interactions;
- have learners analyze the way in which science and technology influence core societal values, beliefs, and attitudes and how societal attitudes influence scientific and technological endeavors;
- prompt learners to evaluate various policies proposed to deal with social changes resulting from new technologies;
- help learners to identify and interpret various perspectives about human societies and the physical world using scientific knowledge, technologies, and an understanding of ethical standards of this and other cultures;
- encourage learners to formulate strategies and develop policy proposals pertaining to science/technology-society issues.

School Applications

In focusing on the theme Science, Technology, and Society, teachers at various school levels should build upon learners' knowledge, experience, and developmental capabilities.

- Teachers of the early grades can help learners use their own experiences with science and technology to develop an understanding of the role that science and technology play in their lives and the lives of others. They can have them consider how inventions have altered the course of history and how society has employed technologies to modify the physical environment. They can also provide opportunities for learners to consider instances in which changes in values, beliefs, and attitudes have resulted from the communication and acceptance of scientific and technological knowledge. Teachers of young learners can also challenge them to consider ways to understand how science and technology may be used to protect the physical environment, and promote the common good.
- Teachers of the middle grades can provide opportunities for learners to extend their understanding of the roles that science and technology play in their own lives and in the lives of others. They can help learners identify examples of how science and technology have transformed individuals' lives and social institutions and how they have changed people's perceptions of and beliefs about the natural and social world. They can ask learners to weigh the need for laws and policies to govern scientific activities and technological applications.
- High school teachers can provide opportunities for learners to deepen their understanding of the roles that science and technology have played historically and contemporaneously in transforming the physical world and human society and how we need to manage change rather than be controlled by it. They can provide opportunities for learners to

confront issues involving science and technology and in so doing, guide learners as they analyze the reciprocal influence that scientific inquiry and technology and core social values and beliefs have upon one another. They can ask learners to evaluate policies and propose strategies for influencing public discussion of science and technology issues or ways of dealing with social changes resulting from new technologies. They can also challenge them to seek and consider reasonable and ethical alternatives to issues that arise when scientific theories, discoveries, or findings and social norms or religious beliefs come into conflict.

GLOBAL CONNECTIONS

Social studies teachers should possess the knowledge, capabilities, and dispositions to provide instruction at the appropriate school level for the study of Global Connections and Interdependence.

Learner Expectations

The realities of global interdependence require that learners understand the increasingly important and diverse global connections among the cultures and societies of the world. Analysis of tensions between national interests and global priorities may contribute to the development of possible solutions to persistent and emerging global issues in many fields: health care, economic development, environmental quality, and universal human rights. Analyzing patterns and relationships within and among cultures of the world, such as economic competition and interdependence, age-old ethnic enmities, political and military alliances, and others, helps learners examine policy alternatives that have both national and global implications.

INDIVIDUALS, GROUPS, AND INSTITUTIONS

Teacher Expectations

Teachers of social studies at all school levels should provide developmentally appropriate experiences as they guide learners in the study of global connections and interdependence.

They should:

- enable learners to explain how interactions among language, art, music, belief systems, and other cultural elements can facilitate global understanding or cause misunderstanding;
- help learners to explain conditions and motivations that contribute to conflict, cooperation, and interdependence among groups, societies, and nations;
- provide opportunities for learners to analyze and evaluate the effects of changing technologies on the global community;
- challenge learners to analyze the causes, consequences, and possible solutions to persistent, contemporary, and emerging global issues, such as health care, security, resource allocation, economic development, and environmental quality;
- guide learner analysis of the relationships and tensions between national sovereignty and global interests in such matters as territorial disputes, economic development, nuclear and other weapons deployment, use of natural resources, and human rights concerns;
- have learners analyze or formulate policy statements that demonstrate an understanding of concerns, standards, issues, and conflicts related to universal human rights;
- help learners to describe and evaluate the role of international and multinational organizations in the global arena;
- have learners illustrate how individual behaviors and decisions connect with global systems.

School Applications

In focusing on the theme Global Connections, teachers at various school levels should build upon learners' knowledge, experience, and developmental capabilities.

- Teachers of the early grades can build on learners' first-hand experiences and those presented to them through the media to help them to become aware of and to understand how they are affected by events on a global scale. Within this context, teachers can provide experiences through which learners examine and explore global connections, issues, and concerns. For example, learners might explore ways language or beliefs may facilitate understanding or lead to misunderstanding, or, when given examples of conflict, cooperation, or interdependence among groups, think of reasons that lead to such behavior.
- Teachers of the middle grades can encourage learners to initiate analyses of the interactions among states and nations and their cultural complexities as they respond to global events and changes. They might encourage learners to map the locations where various products they own were produced and to explore the causes, consequences, and possible solutions to persistent, contemporary, and emerging global issues or have learners describe and explain various specific instances of tensions between national sovereignty and global interests.
- High school teachers can assist learners in thinking systematically about personal, national, and global decisions, interactions, and consequences, including addressing critical issues such as peace, human rights, trade, and global ecology. They might ask learners to formulate policy statements that demonstrate an understanding of concerns, standards, issues, and conflicts related to universal human rights, or to illustrate how individual behaviors and decisions connect with global systems.

CIVIC IDEALS AND PRACTICES

Social studies teachers should possess the knowledge, capabilities, and dispositions to organize and provide instruction at the appropriate school level for the study of Civic Ideals and Practices.

Learner Expectations

The study of civic ideals and practices, the central purpose of social studies, prepares learners for full participation in society. Examining civic ideals and practices across time and in diverse societies prepares learners to close the gap between present practices and the ideals upon which our democratic republic is based. Learners confront such questions as: What is civic participation and how can I be involved? How has the meaning of citizenship evolved? What should be the balance between rights and responsibilities? What is the role of the citizen in the community, in the nation, and in the world community? How can I make a positive difference?

Teacher Expectations

Teachers of social studies at all school levels should provide developmentally appropriate experiences as they guide learners in the study of civic ideals and practices.

They should:

- assist learners in understanding the origins and continuing influence of key ideals of the democratic republican form of government, such as individual human dignity, liberty, justice, equality, and the rule of law;
- guide learner efforts to identify, analyze, interpret, and evaluate sources and examples of citizens' rights and responsibilities;
- facilitate learner efforts to locate, access, analyze, organize, synthesize, evaluate, and apply information about selected public issues—identifying, describing, and evaluating multiple points of view and taking reasoned positions on such issues;
- provide opportunities for learners to practice forms of civic discussion and participation consistent with the ideals of citizens in a democratic republic;
- help learners to analyze and evaluate the influence of various forms of citizen action on public policy;
- prepare learners to analyze a variety of public policies and issues from the perspective of formal and informal political actors;
- guide learners as they evaluate the effectiveness of public opinion in influencing and shaping public policy development and decision-making;
- encourage learner efforts to evaluate the degree to which public policies and citizen behaviors reflect or foster the stated ideals of a democratic republican form of government;
- support learner efforts to construct policy statements and action plans to achieve goals related to issues of public concern;
- create opportunities for learner participation in activities to strengthen the “common good,” based upon careful evaluation of possible options for citizen action.

School Applications

In focusing on the theme Civic Ideals and Practices, teachers at various school levels should build upon learners' knowledge, experience, and developmental capabilities.

- Teachers of the early grades can introduce learners to civic ideals and practices through activities such as involving them in the establishment of classroom rules and expectations and determining how to balance the needs of individuals and the group. In addition, teachers can provide learners the opportunity to view citizenship in other times and places through stories and drama; and in their local community by following current news stories.
- Teachers of the middle grades can help learners expand their ability to analyze and evaluate the relationships between ideals and practice. In addition, they can provide opportunities for learners to envision taking civic roles in their communities. For example, they can monitor news stories of local and national political issues and conflicts, discuss what is happening, explore why it is happening, and compare ideas about what can be, is being, and should be done.
- High school teachers can help learners recognize the rights and responsibilities of citizens in identifying societal needs, setting directions for public policies, and working to support both individual rights and the common good. In addition, they can provide opportunities for learners to experience participation in community service and political activities and develop skill in using the democratic process to influence public policy. Most important, learners should be guided through the processes of responsible citizenship participation in all its dimensions as they face political issues as citizens approaching voting age.

B. DISCIPLINARY STANDARDS

These five disciplinary standards apply respectively to individuals seeking initial licensure (or certification) in each of the social studies discipline areas of history, geography, civics and government, economics, and psychology as well as to the teacher preparation programs that prepare them for these licenses (certificates). Although these standards should be considered the primary standards for the subject matter component of each discipline-based license, the individuals seeking these licenses and their teacher preparation programs are also expected to meet the ten thematic standards described above. It is recognized, however, that, because of the discipline focus of these licenses, the depth of knowledge and degrees of competence across the ten thematic standards will vary and will likely be less substantial than for those seeking endorsement in social studies as a broad field.

HISTORY

Teachers who are licensed to teach history should possess the knowledge, capabilities, and dispositions to organize and provide instruction at the appropriate school level for the study of history.

Learner Expectations

The study of history and how historians study the past allows learners to understand their place in time and location. The knowledge base of historical content drawn from the world history provides the basis from which learners develop historical understanding and competence in ways of historical thinking. Historical thinking skills enable learners to evaluate evidence, develop comparative and causal analyses, interpret the historical record, and construct sound historical arguments and perspectives on which informed decisions in contemporary life can be based. Historical understandings define what learners should know about the history of their nation and of the world. These understandings are drawn from the record of human aspirations, strivings, accomplishments, and failures in at least five spheres of human activity: the social, political, scientific/technological, economic, and cultural (philosophical/religious/aesthetic). They also provide learners the historical perspectives necessary to analyze contemporary issues and problems confronting citizens today.

Teacher Expectations

Teachers of history at all school levels should provide developmentally appropriate experiences as they guide learners in their study.

They should:

- assist learners in utilizing chronological thinking so that they can distinguish between past, present, and future time; can place historical narratives in the proper chronological framework; can interpret data presented in time lines; and can compare alternative models for periodization;
- enable learners to develop historical comprehension in order that they might reconstruct the literal meaning of a historical passage, identify the central question(s) addressed in historical narrative, draw upon data in historical maps, charts, and other graphic organizers; and draw upon visual, literary, or musical sources;
- guide learners in practicing skills of historical analysis and interpretation, such as compare and contrast, differentiate between historical facts and interpretations, consider multiple perspectives, analyze cause and effect relationships, compare competing historical narratives, recognize the tentative nature of historical interpretations, and hypothesize the influence of the past;
- help learners understand how historians study history;
- assist learners in developing historical research capabilities that enable them to formulate historical questions, obtain historical data, question historical data, identify the gaps in available records, place records in context, and construct sound historical interpretations;
- help learners to identify issues and problems in the past, recognize factors contributing to such problems, identify and analyze alternative courses of action, formulate a position or course of action, and evaluate the implementation of that decision;

- guide learners in acquiring knowledge of the history and values of diverse civilizations throughout the world, including those of the West, and in comparing patterns of continuity and change in different parts of the world;
- enable learners to develop historical understanding through the avenues of social, political, economic, and cultural history and the history of science and technology.

School Applications

In focusing on the discipline of history, teachers at various school levels should build upon learners' knowledge, experience, and developmental capabilities.

- Teachers of the early grades can provide learners with experiences that give them a sense of their own roots and of their connections with others and with the past. Learners can have the opportunity to begin to develop the skills of historical thinking that will enable them to differentiate past, present, and future time, and to raise questions and seek answers from historical stories and records from the past. Their historical understandings can draw from at least five spheres of human activity: social, political, scientific/technological, economic, and cultural as they study the history of their families, communities, states, region, nation, and of other nations or topics with world-wide implications.
- Teachers of the middle grades can provide learners with a more formal study of history. Learners can have the opportunity to construct timelines; to group events by broadly defined eras; to study and interpret historical documents, taking into account the context of the historical period from which the document is drawn; to formulate historical questions; and to identify the values and moral convictions of individuals who hold differing views on a dispute.
- High school teachers can engage learners in a sophisticated analysis and reconstruction of the past. Learners can be encouraged to draw upon various forms of data in order to elaborate upon information provided by historical narratives; to distinguish between accepted historical facts and interpretations; to consider multiple perspectives in interpreting the past; to make choices regarding historical sources, drawing from bibliographical studies; and to utilize historical methodologies in analyzing and defending historical arguments. For further information, see the following parallel documents that were consulted as this standard was developed: the NCSS theme, "Time, Continuity, and Change," in *Expectations of Excellence: Curriculum Standards for Social Studies* and the *National Standards for History*.

GEOGRAPHY

Teachers who are licensed to teach geography at all school levels should possess the knowledge, capabilities, and dispositions to organize and provide instruction at the appropriate school level for the study of geography.

Learner Expectations

The study of geography allows learners to develop an understanding of the spatial contexts of people, places, and environments. It provides knowledge of Earth's physical and human systems and the interdependency of living things and physical environments. Studying geography stimulates curiosity about the world and the world's diverse inhabitants and places, as well as about local, regional, and global issues. Geography allows learners to understand and make decisions about issues at the global as well as the local level.

Teacher Expectations

Teachers of geography at all school levels should provide developmentally appropriate experiences as they guide learners in their study.

They should:

- guide learners in the use of maps and other geographic representations, tools, and technologies to acquire, process, and report information from a spatial perspective;

- enable learners to use mental maps to organize information about people, places, and environments in a spatial context;
- assist learners to analyze the spatial information about people, places, and environments on Earth's surface;
- help learners to understand the physical and human characteristics of places;
- assist learners in developing the concept of regions as a means to interpret Earth's complexity;
- enable learners to understand how culture and experience influence people's perceptions of places and regions;
- provide learners opportunities to understand and analyze the physical processes that shape Earth's surface;
- challenge learners to consider the characteristics and spatial distribution of ecosystems on Earth's surface;
- guide learners in exploring the characteristics, distribution, and migration of human populations on Earth's surface;
- help learners to understand and analyze the characteristics, distribution, and complexity of Earth's cultural mosaics;
- have learners explore the patterns and networks of economic interdependence on Earth's surface;
- enable learners to describe the processes, patterns, and functions of human settlement;
- challenge learners to examine how the forces of cooperation and conflict among people influence the division and control of Earth's surface;
- help learners see how human actions modify the physical environment;
- enable learners to analyze how physical systems affect human systems;
- challenge learners to examine the changes that occur in the meaning, use, distribution, and importance of resources;
- help learners to apply geography to interpret the past and present and to plan for the future;
- enhance learners' abilities to ask questions and to acquire, organize, and analyze geographic information so they can answer geographic questions as they engage in the study of substantive geographic content.

School Applications

In focusing on the discipline of geography, teachers at various school levels should build upon learners' knowledge, experience, and developmental capabilities.

- Teachers of the early grades can provide learners with experiences that give them an understanding of the characteristics and purposes of geographic representations, such as maps, globes, and satellite-produced images. Learners can be helped to understand their local community and nearby communities. They can be taught the location of major physical and human features in the Arab World and on Earth and how these physical and human processes together shape places and ways of living. They can be given opportunities to understand how people depend upon and modify the physical environment, and how the physical environment can both accommodate and be endangered by human activities. They can be helped to understand how places, and people's perceptions of places, change over time. Learners in the early grades can be introduced to the spatial dimensions of social and environmental problems.
- Teachers in the middle grades can provide learners with experiences in making and using maps, globes, charts, models, and data bases to analyze spatial distributions and properties. Learners can begin to develop skills to analyze the physical and human characteristics of places and how different human groups alter places in distinct ways. This can include developing an ability to identify and understand how technology shapes the physical and human characteristics of places. Middle grade learners can begin to develop an understanding of how ecosystems work and how physical processes and human activities influence change in ecosystems. They can study spatial variations in population distribution and migration, as well as in the effects of migration

on the characteristics of places. They can be introduced to the processes of cultural diffusion and urbanization and to the fundamental role of energy resources in society. Middle level learners can be helped to apply a geographic point of view to solve social and environmental problems.

- High school teachers can enable learners to use geographic representations and tools to analyze, explain, and solve geographic problems. They can provide learners with experiences in applying concepts and models of spatial organization to make decisions. They can guide them in developing an understanding of how relationships between humans and the physical environment lead to the formation of places and to a sense of personal and community identity. They can also guide learners in the understanding of how multiple criteria are used to define a region and to analyze geographic issues. They can provide experiences that lead to an understanding of the interactions of Earth's physical systems and the spatial consequences of physical processes across Earth's surface. They can help learners understand the spatial characteristics of cultural convergence and divergence, and facilitate an understanding of the classification, characteristics, and spatial distribution of economic systems and the increasing economic interdependence of the world's economies. They can help learners see how differing points of view and self-interest play roles in conflict over territory and resources. They can help high school students to learn how to use geographic knowledge, skills, and perspectives to analyze problems and make decisions.

CIVICS AND GOVERNMENT

Teachers who are licensed to teach civics and/or government at all school levels should possess the knowledge, capabilities, and dispositions to organize and provide instruction at the appropriate school level for the study of civics and government

Learner Expectations

The goal of education in civics and government is informed, responsible participation in political life by competent citizens committed to the fundamental values and principles of constitutional democracy. This effective and responsible participation requires the acquisition of a body of knowledge and of intellectual and participatory skills. Effective and responsible participation also is furthered by the development of certain dispositions or traits of character that enhance the individual's capacity to participate in the political process and contribute to the healthy functioning of the political system and improvement of society.

The study of civics and government allows learners to find answers to the following questions: What is civic life? What is politics? What is government? What are the foundations of the political system? What are the basic values and principles of democracy?

Teacher Expectations

Teachers of civics and government at all school levels should provide developmentally appropriate experiences as they guide learners in their study

They should

- assist learners in developing an understanding of civic life, politics, and government, so that the learners can explore the origins of governmental authority, recognize the need for government; identify the crucial functions of government, including laws and rules; evaluate rules and laws; differentiate between limited and unlimited government; and appreciate the importance of limitations on government power;
- enable learners to understand the relationship of the Arab World to other nations and to world affairs;
- assist learners in developing an understanding of citizenship, its rights and responsibilities, and in developing their abilities and dispositions to participate effectively in civic life.
- insure that learners are made aware of the full range of opportunities to participate as citizens in the democracy and of their responsibilities for doing so.

School Applications

In focusing on civics and government, teachers at various school levels should build upon learners' knowledge, experience, and developmental capabilities.

- Teachers of the early grades can provide learners with experiences that give them a sense of their relationship to others and the need for rules for resolving conflicts and disagreements. They can introduce learners to government through the use of analogies with the governance of the family and the school.
- Teachers of the middle grades can provide learners with a sense of the difference between the pursuit of private interest and promotion of the common good through the use of role play, simulation, analogies, or dramatic portrayal. Through the use of selective biography, they can demonstrate the ideal of government service for the public good. They can introduce the idea of a constitution by analogy to the rules of a game (baseball, for example) and contrast that with the analogy of laws as limitations that define fair play in the game. They can introduce the idea of alternative constitutional forms by way of analogy with the differences between the rules of baseball and rules of football.

Teachers who are licensed to teach economics at all school levels should possess the knowledge, capabilities, and dispositions to organize and provide instruction at the appropriate school level for the study of economics.

Learner Expectations

The study of economics provides learners with basic information about how people attempt to satisfy their wants and helps them employ logical reasoning in thinking about economic issues. It enables them to understand the economic issues that affect them every day, the roles they play as consumers and producers, and the costs and benefits associated with their personal decisions as well as governmental practice. It enables them to understand the universal questions: What will be produced? How will production be organized? How will goods and services be distributed? How will factors of production (land, labor, capital, and management) be allocated? and it helps them understand how these questions have been answered by various groups.

Teacher Expectations

Teachers of economics at all school levels should provide developmentally appropriate experiences as they guide learners in their study. They should assist learners in acquiring an understanding of the following principles:

- Productive resources are limited. Therefore, people cannot have all the goods and services that they want; as a result, they must choose some things and give up others.

- Effective decision making requires comparing the additional costs of alternatives with the additional benefits. Most choices involve doing a little more or a little less of something; few choices are all or nothing decisions.
- Different methods can be used to allocate goods and services. People, acting individually or collectively through government, must choose which methods to use to allocate different kinds of goods and services.
- People respond predictably to positive and negative incentives.
- Voluntary exchange occurs only when all parties expect to gain. This is true for trade among individuals or organizations within a nation, or among individuals or organizations in different nations.
- When individuals, regions, and nations specialize in what they can produce at the lowest cost and then trade with others, both production and consumption increase.
- Markets exist when buyers and sellers interact. This interaction determines market prices and thereby allocates scarce goods and services.
- Prices send signals and provide incentives to buyers and sellers. When supply and demand change, market prices adjust, affecting incentives.
- Competition among sellers lowers costs and prices, encouraging producers to produce more of what consumers are willing and able to buy. Competition among buyers increases prices and allocates goods and services to those people who are willing and able to pay the most for them.
- Institutions evolve in market economies to help individuals and groups accomplish their goals. Banks, labor unions, corporations, legal systems, and not-for-profit organizations are examples of important institutions.

- Money makes it easier to trade, borrow, save, invest, and compare the value of goods and services.
- Interest rates, adjusted for inflation, rise and fall to balance the amount saved with the amount borrowed, thus affecting the allocation of scarce resources between present and future users.
- Income for most people is determined by the market value of the productive resources they sell. What workers earn depends, primarily, on the market value of what they produce and how productive they are.
- Entrepreneurs are people who take the risks of organizing productive resources to make goods and services. Profit is an important incentive that leads entrepreneurs to accept the risks of business failure.
- Investment in factories, machinery, new technology, and in the health, education, and training of people can raise future standards of living.
- There is an economic role for government to play in a market economy whenever the benefits of a government policy outweigh its costs. Governments often provide for national defense, address environmental concerns, define and protect property rights, and attempt to make markets more competitive. Most government policies also redistribute income.
- Costs of government policies sometimes exceed benefits. This may occur because of incentives facing voters, government officials, and government employees; because of actions by special interest groups that can impose costs on the general public; or because social goals other than economic efficiency are being pursued.
- Cost and benefit analysis is complex and involves placing value on both tangible and intangible factors when making policy decisions.
- A nation's overall levels of income, employment, and prices are determined by the interaction of spending and production decisions made by all households, firms, government agencies, and others in the economy.
- Unemployment imposes significant personal costs on individuals and families. It can also place a heavy burden on governments. Unexpected inflation imposes costs on many people and benefits some others because it arbitrarily redistributes purchasing power.
- The assumptions and values on which economic theory and public policy are based require careful analysis.

- Effective decision making requires comparing the additional costs of alternatives with the additional benefits. Most choices involve doing a little more or a little less of something; few choices are all or nothing decisions.
- Different methods can be used to allocate goods and services. People, acting individually or collectively through government, must choose which methods to use to allocate different kinds of goods and services.
- People respond predictably to positive and negative incentives.
- Voluntary exchange occurs only when all parties expect to gain. This is true for trade among individuals or organizations within a nation, or among individuals or organizations in different nations.
- When individuals, regions, and nations specialize in what they can produce at the lowest cost and then trade with others, both production and consumption increase.
- Markets exist when buyers and sellers interact. This interaction determines market prices and thereby allocates scarce goods and services.
- Prices send signals and provide incentives to buyers and sellers. When supply and demand change, market prices adjust, affecting incentives.
- Competition among sellers lowers costs and prices, encouraging producers to produce more of what consumers are willing and able to buy. Competition among buyers increases prices and allocates goods and services to those people who are willing and able to pay the most for them.
- Institutions evolve in market economies to help individuals and groups accomplish their goals. Banks, labor unions, corporations, legal systems, and not-for-profit organizations are examples of important institutions.

School Applications

In focusing on economics, teachers at various levels should build upon learners' knowledge, experience, and developmental capabilities.

- Teachers of the early grades can provide learners with experiences that enable them to understand the concepts of resources, economic wants, supply and demand, goods and services, and opportunity costs. They can help learners see that resources are insufficient to provide everyone with everything they want, that people make choices that determine how resources are used, and that choice means that something is given up.
- Teachers of the middle grades can provide learners with experiences that enable them to understand the concept of scarcity, that economic choices involve trade offs, that governments and societies experience scarcity as well as individuals, and that the choices people make have consequences. They can help learners realize that the evaluation of choices and opportunity costs can be subjective in some respects and differs across individuals and societies.
- High school teachers can provide learners with experiences that enable them to understand the concepts of marginal costs and marginal benefits, how each relates to decisions concerning production and consumption, and how public policy affects such decisions. They can assist learners in understanding the economic components of virtually all public policy decisions. For further information, see the parallel documents that were consulted as this standard was developed: the NCSS theme "Production, Distribution, and Consumption" in *Expectations of Excellence: Curriculum Standards for Social Studies* (Washington, D.C.: NCSS, 1994); *Voluntary National Content Standards in Economics* (New York: National Council on Economic Education, 1997).

Teachers who are licensed to teach psychology at all school levels should possess the knowledge, capabilities, and dispositions to organize and provide instruction at the appropriate school level for the study of psychology.

Learner Expectations

The study of psychology and human behavior allows learners to understand major theories that have been proposed to describe human thinking, learning, memory, development, personality, and behavior. It helps them address questions such as the following: Who am I? What factors have contributed to my becoming who I am? How can I adjust to, cope with, benefit from, and contribute to my own well-being and to the well-being of others? What is involved in mental and emotional health, and how can one become and remain mentally and emotionally healthy and prevent or overcome psychological disorders? How do biological and environmental factors affect human psychological, emotional, social, and emotional growth, development, and behavior? How can individual differences be understood? What are the concepts, approaches, procedures, and principles of conducting psychological research and reporting findings of research? How does one accurately interpret and apply the findings from research studies?

Teacher Expectations

Teachers of psychology at all school levels should provide developmentally appropriate experiences as they guide learners in their study.

They should:

- assist learners in comprehending and applying concepts, theories, and principles associated with human cognition; emotional, social, and personal development; and growth and change;
- guide learner understanding of human thinking, memory, perception, learning, development, and behavior;
- assist learners in comprehending factors associated with human adjustment and coping behaviors in various situations, during different stages of life, and in respect to particular personal and environmental situations;
- have learners consider how such factors as memory, thinking, beliefs, emotions, personality, perceptions, attitude, and abilities affect people's decisions and actions at any particular moment;
- have learners examine factors associated with the construction, revision, and use of self-concepts and identity and how these may affect an individual's thinking, feelings, decisions, and actions toward self, others, and the world;
- have learners examine factors that may have contributed to their own self-concepts and identity, including how their family, groups, peers, and communities may have been among these factors;
- have learners examine and comprehend factors associated with personality and individual differences and how personality and individual differences may be described, classified, assessed, and interpreted;
- assist learners to examine, comprehend, and apply ideas associated with mental and emotional health as well as psychological disorders, including factors contributing to and the treatment of such disorders;
- enable learners to understand interconnections between themselves and particular situations, places, time, events, and social/cultural environments and systems that may influence them as well as be influenced by them;
- insure that learners comprehend, consider the advantages and disadvantages of, and apply concepts, principles, and procedures for conducting, monitoring, applying, and interpreting sound psychology research activities;

- insure that learners consider the various codes of ethics accepted by psychologists regarding the conduct of research on human and animal subjects and the reporting of research findings;
- enable students to engage in preliminary behavioral science research, using various research paradigms and perspectives.

School Applications

In focusing on the discipline of psychology, teachers should build upon learners' knowledge, experience, and developmental capabilities.

- High school teachers can provide learners with opportunities to comprehend and apply specific discipline-based concepts, theories, and principles of human memory, thinking, learning, development, and behavior to analyzing, interpreting and explaining. Learners should be encouraged to study personality and individual differences and commonalities and to consider possible biological, social, cultural, economic, peer, and family influences on personality, thinking, learning, and behavior. In addition, learners can be guided in conducting and reporting psychological research as well as applying the various codes of ethics that should guide all psychological researchers.

II. PEDAGOGICAL STANDARDS

The pedagogical standards itemized below focus on teacher knowledge, competence, and dispositions beyond the subject matter that is the focus of the Subject Matter Standards above. They are intended to assure that social studies teachers possess the general pedagogical knowledge, capabilities, and dispositions needed to create the kinds of learning experiences and classroom and school environments that are envisioned by recent reform movements and validated by research. As such, these standards favor learner-centered, meaningful, integrative, value-based, challenging, and active instruction. They see teachers as instructional decision-makers, members of school-based learning communities, and members of the larger community of stakeholders who can help support the learning of students.

1. LEARNING AND DEVELOPMENT

Social studies teachers should possess the knowledge, capabilities, and dispositions to provide learning opportunities at the appropriate school levels that support learners' intellectual, social, and personal development.

2. DIFFERENCES IN LEARNING STYLES

Social studies teachers should possess the knowledge, capabilities, and dispositions to create at the appropriate school levels learning experiences that fit the different approaches to learning of diverse learners.

3. CRITICAL THINKING, PROBLEM SOLVING, AND PERFORMANCE SKILLS

Social studies teachers should possess the knowledge, capabilities, and dispositions to use at the appropriate school levels a variety of instructional strategies to encourage student development of critical thinking, problem solving, and performance skills.

4. ACTIVE LEARNING AND MOTIVATION

Social studies teachers should possess the knowledge, capabilities, and dispositions to create at the appropriate school levels learning environments that encourage social interaction, active engagement in learning, and self-motivation.

5. INQUIRY, COLLABORATION, AND SUPPORTIVE CLASSROOM INTERACTION

Social studies teachers should possess the knowledge, capabilities, and dispositions to use at the appropriate school levels verbal, nonverbal, and media communication techniques that foster active inquiry, collaboration, and supportive interaction in the classroom.

6. PLANNING INSTRUCTION

Social studies teachers should possess the knowledge, capabilities, and dispositions to plan instruction for the appropriate school levels based on understanding of subject matter, students, the community, and curriculum goals.

7. ASSESSMENT

Social studies teachers should possess the knowledge, capabilities, and dispositions to use formal and informal assessment strategies at the appropriate school levels to evaluate and ensure the Pedagogical Standards continuous intellectual, social, and physical development of learners. They should be able to assess student learning using various assessment formats, including performance assessment, fixed response, open-ended questioning, and portfolio strategies.

8. REFLECTION AND PROFESSIONAL GROWTH

Social studies teachers should possess the knowledge, capabilities, and dispositions to develop as reflective practitioners and continuous learners.

9. PROFESSIONAL LEADERSHIP

Social studies teachers should possess the knowledge, capabilities, and dispositions to foster cross subject matter collaboration and other positive relationships with school colleagues, and positive associations with parents and others in the larger community to support student learning and well-being.

Unit

1

Population

Lessons 1&2: Population Size & Growth

Objectives

At the end of this lesson, students are expected to:

- Define population, demography, demographers, birth rates, death rates and population size.
- Recognize the importance of demography.
- Mention some of the ways demographers use in studying population.
- Define a population census and realize its importance in studying population.
- Be introduced to the world's population size nowadays.
- Realize how population size differs within continents and countries.
- Be introduced to highly populated continents and countries.
- Realize that the world's population has doubled many times throughout the last 80 years.
- Conclude and analyze information using tables, graphs and charts.
- Define population growth and population explosion.
- Suggest solutions for the population growth problem.
- Mention reasons behind the increasing world's population growth.
- Explain how technological improvement resulted in high population growth.
- Realize how population growth differs within continents and countries.
- Give examples of countries with increasing and decreasing population growth.
- Point out the negative and positive effects of population growth.

Instructional Techniques

- Start the lesson by asking students: "How many members are there in your family?"
- Present pages 7 - 10 in the smart board or allow the students to open page 7 - 10 in their books. Present one page at a time.
- Explain the meaning of the terms: population, demography, demographers, birth rates, death rates and population size.
- Emphasize the importance of demography.
- Mention some of the ways demographers use in studying population.
- Explain what a population census is and why it is important in studying population.

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- Introduce the world's population size nowadays.
 - Present pages 11 - 16 in the smart board or allow the students to open page 11 - 16 in their books. Present one page at a time.
 - Present graphs to show how population size differs within continents and countries.
 - Show the highly populated continents and countries.
 - Emphasize using tables that the world's population has doubled many times throughout the last 80 years.
 - Allow students to conclude and analyze information using tables, graphs and charts.
 - Explain the terms: population growth and population explosion.
 - Allow students to suggest solutions for the population growth problem.
 - Mention the reasons behind the increasing world's population growth.
 - Explain how technological improvement resulted in high population growth.
 - Emphasize why and how population growth differs within continents and countries.
 - Allow students to give examples of countries with increasing and decreasing population growth.
 - Point out the negative and positive effects of population growth.

Activity

- Show a documentary on population growth in your country.
- Display graphs showing population size and growth in different continents and countries using the internet.
- Allow students to answer the questions on the book pages 12 & 13 in groups.
- Allow students to answer the questions on the workbook pages 5 – 10 in groups.

Lessons 3 & 4: Population Distribution & Composition

Objectives

At the end of this lesson, students are expected to:

- Explain why people increase or decrease in certain places in the world.
- Give examples of places where people increase or decrease.
- Conclude how the human factor affects the distribution of population.
- Define immigration.
- Differentiate kinds of immigration and give examples of each of them.
- Define population density, dependency ratio and sex ratio.
- Classify world's population according to age and gender.
- Differentiate developed and developing countries in terms of age composition, dependency ratio and sex ratio.
- Conclude the effects of high dependency ratio on the population.
- Mention reasons that affect the sex ratio in a country.

Instructional Techniques

- Start the lesson by asking the students if people are distributed evenly in the city?
- Present pages 17 - 25 in the smart board or allow the students to open pages 17 - 25 in their books. Present one page at a time.
- Explain the terms: immigration, Define population density, dependency ratio and sex ratio.
- Divide the students into six groups. Give each group one of the following topics to find answers for, then present it in front of the whole class.
 1. Explain why people increase or decrease in certain places in the world and give examples of places where people increase or decrease.
 2. Conclude how the human factor affects the distribution of population.
 3. Classify world's population according to age and gender.
 4. Compare developed and developing countries in terms of age composition, dependency ratio and sex ratio.
 5. Conclude the effects of high dependency ratio on the population.
 6. Mention reasons that affect the sex ratio in a country.

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- Draw a web on the board with the word “immigration” in the middle. List the kinds of immigration and give examples of each of them.

Activity

- Allow students to write reports on the following topics:
 1. Immigration
 2. Population Size
 3. Population Growth
 4. Population Distribution
 5. Population Composition
 6. Population in Developed and Developing Countries
- Allow students to answer the questions on their workbooks pages 11 - 17.

Unit

2

Water in Our World

Lesson 1: Water on Earth

Objectives

At the end of this lesson, students are expected to:

- Differentiate between surface water and ground water.
- Recognize the importance of water in our life.

Instructional Techniques

- Start the lesson by asking the students: “Why do we need water?” Allow them to answer.
- Present pages 30 - 31 in the smart board or allow the students to open pages 30 - 31 in their books.
- Explain the importance of water in our life.
- Explain the differences between surface water and ground water.

Activity

- Allow students to sit in groups and list and draw or stick pictures of the uses of water in our life.
- Allow students to answer the questions on their workbooks page 19.

Lessons 2&3: World Oceans & Seas

Objectives

At the end of this lesson, students are expected to:

- Recognize the main characteristics of an ocean.
- Identify examples of oceans in the world.
- Put oceans in order according to their size.
- Locate the oceans on the Map of the world.
- Recognize the main characteristics of a sea.
- Identify examples of seas in the world.
- Put seas in order according to their size.
- Locate the seas on the Map of the world.
- Differentiate between an ocean and a sea.

Instructional Techniques

- Start the lesson by showing the students the map of the world.
Ask students about the oceans and seas on the map.
- Present pages 32 - 40 in the smart board or allow the students to open page 32 - 40 in their books. Show one page at a time.
- Explain the differences between an ocean and a sea.
- Recognize the main characteristics of an ocean.
- Show examples of oceans and locate them on the Map of the world.
- Put oceans in order according to their size.
- Show examples of seas in the world and locate them on the Map of the world.
- Put seas in order according to their size.

Activity

- Using the map of the world, play a game entitled “Where am I ?” where a student will have a card that contains a name of an ocean or a sea and locate it on the map.
- Allow students to answer the questions on their workbooks pages 20 – 25 in groups.

Lessons 4&5: World Rivers & Lakes

Objectives

At the end of this lesson, students are expected to:

- Recognize the main characteristics of a river.
- Identify examples of rivers in the world.
- Put rivers in order according to their size.
- Locate the rivers on the Map of the world.
- Recognize the main characteristics of a lake.
- Identify examples of lakes in the world.
- Put lakes in order according to their size.
- Locate the lakes on the Map of the world.
- Differentiate between a sea and a lake.

Instructional Techniques

- Start the lesson by showing the students the map of the world. Ask students about the rivers on the map.
- Present pages 41 - 52 in the smart board or allow the students to open page 41 - 52 in their books. Show one page at a time.
- Explain the differences between a river and a lake and a sea.
- Show examples of rivers and locate them on the Map of the world.
- Put rivers in order according to their size.
- Show examples of lakes in the world and locate them on the Map of the world.
- Put lakes in order according to their size.

Activity

- Using the map of the world, play a game entitled “Where am I ?” where a student will have a card that contains a name of a river or a lake and locate it on the map.
- Allow students to sit in groups and give them a list of names of the major bodies of water in the world. Let them classify them into oceans, seas, rivers and lakes on cardboards.
- Allow students to answer the questions on their workbooks pages 26 – 31 in groups.

Unit

3

The Arab World

Lesson 1: Arab World location

Objectives

At the end of this lesson, students are expected to:

- Recognize the concept of relative location and absolute location.
- Recognize the relative location of the Arab World.
- Recognize the absolute location of the Arab World.
- Recognize the most important neighboring water bodies in the Arab World.
- Determine the absolute location of the Arab World using a map.

Instructional Techniques

- Start by reviewing the map of the Arab World.
- Reach of the concept of the relative location through discussion and dialogue.
- Use a map of the Arab World in the book and determine the adjacent countries and water bodies.
- Identify the most important waterways through the Arab World's map.
- Limit a specific definition of absolute location through dialogue and debate.
- Review of the Arab World's map on page 59 and determine the absolute Location of the Arab World.

Activity

- Determine the relative and astronomical location of the Arab World through participating in group works
- Students answer questions in the activities book activity on pages 33-35.

Lesson 2: Area and Population

Objectives

At the end of this lesson, students are expected to:

- Classify Arab countries by continent (Asia, Africa)
- Recognize the biggest Arab countries in terms of area
- Recognize the most biggest Arab countries in terms of population.

Instructional Techniques

- Start by reviewing the figure on page 60 and divide the Arab countries by continent.
- Analyze the figure on page 61 and limit a larger area of Arab countries.
- Make a comparison between the African and the Asian parts of the Arab World in terms of area.
- Analyze of the figure on page 62 and identify the biggest Arab countries in terms of population.

Activity

- Analyze the forms contained in the lesson through participating in group works.
- Determine the biggest Arab country in terms of area and population.
- Students answer questions in activities book on pages 36 – 37.

Lesson 3: Climate in the Arab world

Objectives

At the end of this lesson, students are expected to:

- Recognize the concept of climate.
- Recognize the impact of the astronomical location on climate.
- Recognize the factors affecting the climate in the Arab World.
- Recognize the climatic regions in the Arab world in terms of characteristics and location.

Instructional Techniques

- Reach of the concept of climate through dialogue and discussion.
- Students through teamwork determine the absolute location of the Arab World.
- Review map of the Arab World and use of the map key to read it properly.
- Review the factors that affect the climate in general and the Arab World in particular
- Determine the climatic regions in the Arab World and mention the characteristics of each of them and determine its spread area in the Arab World through the figure on page 65.

Activity

- Prepare the table and determine the climatic regions in the Arab World with stating characteristics of each region and its distributed area in the Arab World.
- Students answer questions in activities book on pages 38-39.

Lesson 4: Agriculture in the Arab World

Objectives

At the end of this lesson, students are expected to:

- Recognize the concept of agriculture and its importance.
- List the most important agricultural crops in the Arab World.
- Conclude the reasons for the low agricultural productivity in the Arab World.
- Recognize the most important animal products in the Arab World.
- Recognize the reasons for the low production of fish in the Arab World.

Instructional Techniques

- Students reach of the concept and importance of agriculture through the use of methods of dialogue and discussion.
- Students reach the most important agricultural products in the Arab World and the reasons behind low agricultural production in the Arab World through teamwork.
- Students identify the most important animal species in the Arab World through the collaborative work and reach the reasons for the low production of fish in the Arab World through teamwork.

Activity

- Students submit a set of proposals to overcome the problem of low agricultural production in the Arab world.
- Answer questions contained in the lesson.
- Answer questions in the activity book on pages 40-41.

Lesson 5: Industry in the Arab World

Objectives

At the end of this lesson, students are expected to:

1. Recognize the concept of industry.
2. Recognize the concept and the types of raw materials.
3. Recognize types of industries.
4. Give examples for each of the types of industries.

Instructional Techniques

1. Reach the concept of industry through discussion and dialogue with the students.
2. Review the raw materials and their types.
3. Classify industries into three levels and give an example of each.

Activity

1. Answer lesson questions through group works.
2. Answer questions in activities book on pages 42-43.

Unit

4

Ancient Greece

Lessons 1 & 2: Geography, History & Politics

Objectives

At the end of this lesson, students are expected to:

- Define the terms: peninsula and polis.
- Be introduced to the geography of Ancient Greece.
- Be introduced to the historical eras of the Greek civilization.
- Talk about the characteristics of the Greek polis.

Instructional Techniques

- Start the lesson by asking students about the meaning of the word “ancient”. Then allow students to locate Greece on the map.
- Present pages 77 - 81 in the smart board or allow the students to open pages 77 - 81 in their books.
- Explain the terms: peninsula, democracy, poli and political regime.
- Draw a web on the board. List the factors that helped the Greeks to develop trade, sailing and fishing.
- Using the landform map of Ancient Greece, explain the geography of Ancient Greece.
- Mention the historical eras of the Greek civilization.
- Draw a table on the board and list the similarities and differences between the Greek poli.

Activity

- Read a story about Ancient Greece.
- Allow students to answer the questions on their workbooks pages 45 - 48.

Lessons 3 & 4: Athens, Sparta and Wars

Objectives

At the end of this lesson, students are expected to:

- Define democracy and political regimes.
- Compare and contrast Athens and Sparta in terms of political regime and other aspects of life.
- List the wars ancient Greeks fought.
- Realize the effects of the Peloponnesian War on Ancient Greek's poli.
- List the achievements of Alexander the Great.

Instructional Techniques

- Start the lesson by asking students to locate the four major Greek poli on the map.
- Present pages 82 - 87 in the smart board or allow the students to open pages 82 - 87 in their books.
- Start telling the students a story about life in Athens.
- Compare and contrast life between Athens and Sparta.
- List the wars ancient Greeks fought.
- Allow students to conclude the effects of the Peloponnesian War on Ancient Greek's poli.
- List the achievements of Alexander the Great.

Activity

- Read a story about Alexander the Great.
- Allow students to answer the questions on their workbooks pages 49 - 55.

Lessons 5 & 6: Society & Contribution to Civilization

Objectives

At the end of this lesson, students are expected to:

- Be introduced to the Greek society in terms of food, clothing, houses and roles of men and women.
- Compare and contrast Athens and Sparta concerning women's rights.
- Mention the Ancient Greek's contributions to civilization.
- Be introduced to Greek philosophy and philosophers.
- Be introduced to the Greek contributions in literature and Sports.

Instructional Techniques

- Start the lesson by asking students about the meaning of the words "society". Allow them to answer.
- Present pages 88 - 95 in the smart board or allow the students to open pages 88 - 95 in their books.
- Explain the way of living in the Greek society in terms of food, clothing, houses and roles of men and women.
- Compare and contrast Athens and Sparta concerning women's rights.
- Mention the Ancient Greek's contributions to civilization.
- Introduce Greek philosophy and philosophers.
- Present examples of the Greek contributions in literature and Sports.

Activity

- Show a movie entitled "Troy".
- Allow students to write reports or Power Point Presentations on the following:
 1. Greek Wars
 2. Athens
 3. Sparta
 4. Democracy
 5. Alexander the Great
 6. Homer
 7. Aristotle
 8. Socrates
 9. Plato
 10. The Olympic Games
 11. The Greek Society
- Allow students to answer the questions on their workbooks pages 56 - 60.

Unit

5

Industry

Lesson 1: Industrial Revolution

Objectives

At the end of this lesson, students are expected to:

- Define the terms: Industrial Revolution and industry.
- Be introduced to the Industrial Revolution and its impact on people's life.
- Mention the factors that contributed to England's role as the birthplace of the Industrial Revolution.

Instructional Techniques

- Start the lesson by asking students about the clothes they wear. Where did it come from? Allow them to answer.
- Present pages 101 - 103 in the smart board or allow the students to open pages 101 - 103 in their books.
- Ask students: "Describe the pictures?"
- Explain the terms: Industrial Revolution and industry.
- Tell a story about the Industrial Revolution and its impact on people's life.
- Allow students to mention the factors that contributed to England's role as the birthplace of the Industrial Revolution.

Activity

- Read a story about the industrial revolution or show a movie about it.
- Allow students to draw factory products.
- Allow students to answer the questions on their workbooks pages 62 - 63.

Lessons 2 & 3 & 4: Industry

Objectives

At the end of this lesson, students are expected to:

- Mention the three types of industry.
- Define extractive industry, raw materials, mining, quarrying, and forest industry.
- Be introduced to the ways of obtaining natural resources.
- Define manufacturing industry, capital, asset, infrastructure and human resources.
- Mention the three processes involved in manufacturing industry.
- Give an example of each of the processes involved in manufacturing industry.
- List the elements of production.
- Give an example of each of the elements of production.
- Define tertiary industry, tourism, place, product, promotion and price.
- Give examples of tertiary industries.
- List the elements of attracting tourists (the 4Ps).
- Classify industries according to their types.

Instructional Techniques

- Start the lesson by asking a student to mention the things that are made in factories in his classroom. Allow them to answer: table, chair, board, door, rubbers...etc.
- Present pages 104 - 114 in the smart board or allow the students to open pages 104 - 114 in their books.
- Allow students to describe the pictures.
- Mention the three types of industry.
- Draw a web and write on it the extractive industry, raw materials, mining, quarrying, and forest industry and their definitions.
- Introduce the ways of obtaining natural resources.
- Draw a web and write on it the manufacturing industry, capital, asset, infrastructure and human resources and their definitions
- Mention the three processes involved in manufacturing industry and give an example of each of the processes involved in manufacturing industry.
- List the elements of production and give an example of each of them.

-
- Define tertiary industry, tourism, place, product, promotion and price.
 - Give examples of tertiary industries.
 - List the elements of attracting tourists (the 4Ps).
 - Classify industries according to their types.

Activity

- Allow students to sit in groups and stick pictures of different industries after classifying industries according to their types and then display their work.
- Allow students to answer the questions on their workbooks pages 64 - 71.
- Visit a factory and write about it.

Lesson 5: Industrial Development

Objectives

At the end of this lesson, students are expected to:

- Classify countries according to their industrial development.
- Define the G8 and list the countries it is comprised of.
- Define the Asian Tigers and list the countries it is comprised of.

Instructional Techniques

- Start the lesson by asking a student to mention the industrial countries. Allow them to answer.
- Present pages 115 - 116 in the smart board or allow the students to open pages 115 - 116 in their books.
- Classify countries of the world according to their industrial development.
- Define the G8 and list the countries it is comprised of.
- Define the Asian Tigers and list the countries it is comprised of.

Activity

- Allow students to sit in groups and locate the G8 countries and the Asian Tigers on the map and then display their work.
- Allow students to answer the questions on their workbooks page 72.

Unit

6

Environmental Issues

Lessons 1 & 2 & 3: Causes of and Solutions to Deforestation

Objectives

At the end of this lesson, students are expected to:

- Define deforestation, ecosystem and environment.
- Recognize the importance of the diversity of wildlife.
- Recognize the causes of deforestation.
- Realize the negative impact of deforestation on our life on Earth.
- Give examples of the negative effects of deforestation on our environment.
- Recognize some measures that can be taken to decrease deforestation.
- Suggest ways of decreasing deforestation.

Instructional Techniques

- Start the lesson by asking student about cutting trees nowadays. Allow them to answer.
- Present pages 121 – 130 in the smart board or allow the students to open pages 121 – 130 in their books.
- Explain the terms: deforestation, ecosystem and environment.
- Emphasize the importance of the diversity of wildlife.
- Draw a table on the board with two columns; one for the causes of deforestation and one for the solutions.
- Explain the negative impact of deforestation on our life on Earth and on our environment.
- Give examples of the negative effects of deforestation on our environment.
- Suggest other ways of decreasing deforestation.

Activity

- Read a story or watch a movie about deforestation.
- Allow students to answer the questions on their books.
- Allow students to answer the questions on their workbooks pages 74 - 78 in pairs.

Lessons 4 & 5 & 6: Causes and Solutions of Desertification

Objectives

At the end of this lesson, students are expected to:

- Define desertification.
- Recognize the causes of desertification.
- Realize the negative impact of desertification on our life on Earth.
- Mention the negative effects of desertification on our environment.
- Give examples of the negative effects of desertification on our environment.
- Recognize some measures that can be taken to decrease desertification.
- Suggest ways of decreasing desertification.

Instructional Techniques

- Start the lesson by asking student about deserts nowadays. Allow them to answer.
- Present pages 131 – 136 in the smart board or allow the students to open pages 131 – 136 in their books show one page at a time.
- Draw a table on the board with two columns; one for the causes of desertification and one for the solutions.
- Explain the negative impact of desertification on our life on Earth and on our environment.
- Give examples of the negative effects of desertification on our environment.
- Suggest other ways of decreasing desertification.

Activity

- Read a story or watch a movie about deforestation.
- Allow students to answer the questions on their workbooks pages 83 - 97 in pairs.