

Archdiocese of Dubuque - Standards for All Subject Areas

Updated May, 2008

RELIGION (Source: *By Their Fruits You Shall Know Them*, Lorraine Ozar.)

1. Read, interpret, and apply Scripture to life.
2. Present a rationale, based on faith and knowledge, for being a Catholic.
3. Illustrate basic understanding of Catholic dogma and doctrine in light of the "Catechism for the Catholic Church."
4. Demonstrate the importance of sacraments, with an emphasis on the centrality of the Eucharist, in the life of Catholics.
5. Make moral decisions consistent with Church teachings.
6. Illustrate a basic understanding of the history of the Church.
7. Acknowledge and affirm the diverse cultural expressions of Catholicism.
8. Apply Catholic principles to interpersonal relationships (e.g., family, peers, work, society, Church, etc.)
9. Demonstrate an appreciation for faith community as the way we come to know God
10. Use effective community building skills in relating with others.
11. Critique societal structures in light of Catholic social justice principles and apply to social and personal situations.
12. Engage in service to the community (e.g., family, parish, local, national and global) in response to the Gospel call.
13. Exercise responsible stewardship for God's creation.
14. Examine the variety of Christian lifestyles as ways to respond to the Baptismal call to a life of service.
15. Demonstrate the relationship between faith and culture (e.g., through arts, social sciences, sciences, technology, etc.)
16. Use appropriate resources (e.g., Directory for Masses with Children, Lectionary for Children, Liturgical Training Publications, etc.) to plan and participate in liturgical experiences.
17. Use various prayer forms (e.g., traditional, spontaneous, devotional, multicultural) to enrich and express personal and communal spirituality.
18. Celebrate the presence of the Sacred in experiences of sacramentals, symbols and rituals.
19. Demonstrate an understanding of liturgical feasts and seasons.

LANGUAGE ARTS/ENGLISH

Writing

1. Uses general skills and strategies in the writing process
2. Uses stylistic and rhetorical techniques in written composition
3. Uses grammatical and mechanical conventions in written composition
4. Gathers and uses information for research purposes

Reading

1. Uses the general skills and strategies of the reading process
2. Uses reading skills and strategies to understand and interpret a variety of literary works
3. Uses reading skills and strategies to understand and interpret a variety of informational texts

Listening and Speaking

1. Uses listening and speaking strategies for different purposes
2. Viewing
3. Uses viewing skills and strategies to understand and interpret visual media

Media

Understands the characteristics and components of the media

MATH

1. Uses a variety of strategies in the problem-solving process
2. Understands and applies basic and advanced properties of the concept of numbers
3. Uses basic and advanced procedures while performing the process of computation
4. Understands and applies basic and advanced properties of the concept of measurement
5. Understands and applies basic and advanced properties of the concepts of geometry
6. Understands and applies basic and advanced concepts of statistics and data analysis
7. Understands and applies basic concepts of probability
8. Understands and applies basic concepts of functions and algebra
9. Understands the general nature and uses of mathematics

SCIENCE

Earth and Space

1. Understands atmospheric processes and water cycle
2. Understands Earth's composition and structure
3. Understands the composition and structure of the universe and the Earth's place in it

Life Science

1. Understands the principles of heredity and related concepts
2. Understands the structure and function of cells and organisms
3. Understands relationships among organisms and their physical environment
4. Understands biological evolution and diversity of life

Physical Sciences

1. Understands the structure and properties of matter
2. Understands the sources and properties of energy
3. Understands forces and motion

Nature of Science

1. Understands the nature of scientific knowledge
2. Understands the nature of scientific inquiry
3. Understands the scientific enterprise

HEALTH

1. Knows the availability and effective use of health services, products, and information
2. Knows environmental and external factors that affect individual and community health
3. Understands the relationship of family health to individual health
4. Knows how to maintain mental and emotional health
5. Knows essential concepts and practices concerning injury prevention and safety
6. Understands essential concepts about nutrition and diet
7. Knows how to maintain and promote personal health
8. Knows essential concepts about the prevention and control of disease

9. Understands aspects of substance use and abuse
10. Understands the fundamental concepts of growth and development

SOCIAL STUDIES

Civics Standards

1. Understands ideas about civic life, politics, and government
2. Understands essential characteristics of limited and unlimited governments
3. Understands the sources, purposes, and functions of law, and the importance of the rule of law for the protection of individual rights and the common good
4. Understands the concept of a constitution, the various purposes that constitutions serve, and the conditions that contribute to the establishment and maintenance of constitutional government
5. Understands the major characteristics of systems of shared powers and of parliamentary systems
6. Understands the advantages and disadvantages of federal, confederal, and unitary systems of government
7. Understands alternative forms of representation and how they serve the purposes of constitutional government
8. Understand the central ideas of American constitutional government and how this form of government has shaped the character of American society
9. Understands the importance of Americans sharing and supporting certain values, beliefs, and principals of American constitutional democracy
10. Understands the roles of voluntarism and organized groups in American social and political life
11. Understands the role of diversity in American life and the importance of shared values, political beliefs, and civic beliefs in an increasingly diverse American society
12. Understands the relationships among liberalism, republicanism, and American constitutional democracy
13. Understands the character of American political and social conflict and factors that tend to prevent or lower its intensity
14. Understands issues concerning the disparities between ideals and reality in American political and social life
15. Understands how the United States Constitution grants and distributes power and responsibilities to national and state government and how it seeks to prevent the abuse of power
16. Understands the major responsibilities of the national government for domestic and foreign policy, and understands how government is financed through taxation
17. Understands issues concerning the relationship between state and local governments and the national government and issues pertaining to representation at all three levels of government
18. Understands the role and importance of law in the American constitutional system and issues regarding the judicial protection of individual rights
19. Understands what is meant by “the public agenda,” how it is set, and how it is influenced by public opinion and the media
20. Understands the roles of political parties, campaigns, elections, associations, and groups in American politics
21. Understands the formation and implementation of public policy
22. Understands how the world is organized politically into nation-states, how nation-states interact with one another, and issues surrounding US foreign policy
23. Understands the impact of significant political and nonpolitical developments on the US and other nations

24. Understands the meaning of citizenship in the US, and knows the requirements for citizenship and naturalization
25. Understands issues regarding personal, political, and economic rights
26. Understands issues regarding the proper scope and limits of rights and the relationship among personal, political, and economic rights
27. Understands how certain character traits enhance citizens' ability to fulfill personal and civic responsibilities
28. Understands how participation in civic and political life can help citizens attain individual and public goals
29. Understands the importance of political leadership, public service, and a knowledgeable citizenry in America constitutional democracy

Economics

1. Understands that scarcity of productive resources requires choices that generate opportunity costs
2. Understands characteristics of different economic systems, economic institutions, and economic incentives
3. Understands the concept of prices and the interaction of supply and demand in a market economy
4. Understands basic features of market structures and exchanges
5. Understands unemployment, income, and income distribution in a market economy
6. Understands the roles government plays in the US economy
7. Understands savings, investments, and interest rates
8. Understands basic concepts of US fiscal policy and monetary policy
9. Understands how Gross Domestic Product and inflation and deflation provide indications of the state of the economy
10. Understands basic concepts about international economics

Geography

The World in Spatial Terms

1. Understands the characteristics and uses of maps, globes, and other geographic tools and technologies
2. Knows the location of places, geographic features, and patterns of the environment
3. Understands the characteristics and use of spatial organization of Earth's surface

Places and Regions

1. Understands the physical and human characteristics of place
2. Understands the concept of regions
3. Understands that culture and experience influence people's perceptions of places and regions

Physical Systems

1. 7. Knows the physical processes that shape patterns on Earth's surface
2. 8. Understands the characteristics of ecosystems on Earth's surface

Human Systems

1. Understands the nature, distribution, and migration of human populations on Earth's surface
2. Understands the nature and complexity of earth's cultural mosaics
3. Understands the patterns and networks of economic interdependence on Earth's surface
4. Understands the patterns of human settlement and their causes

5. Understands the forces of cooperation and conflict that shape the divisions of Earth's surface

Environment and Society

1. Understands how human actions modify the physical environment
2. Understands how physical systems affect human systems
3. Understands the changes that occur in the meaning, use, distribution, and importance of resources

Uses of Geography

1. Understands how geography is used to interpret the past
2. Understands global development and environmental issues

Historical Understanding

1. Understands and knows how to analyze chronological relationships and patterns
2. Understands the historical perspective

World History

Era 1 The Beginnings of Human Society

1. Understands the biological and cultural processes that shaped the earliest human communities
2. Understands the processes that contributed to the emergence of agricultural societies around the world

Era 2 Early Civilizations and the Rise of Pastoral Peoples, 4000-1000 BCE

1. Understands the major characteristics of civilization and the development of civilizations in Mesopotamia, Egypt, and the Indus Valley
2. Understands how agrarian societies spread and new states emerged in the third and second millennium BCE
3. Understands the political, social, and cultural consequences of population movements and militarization in Eurasia in the second millennium BCE
4. Understands major trends in Eurasia and Africa from 4000 to 1000 BCE

Era 3 Classical Traditions, Major Religions, and Giant Empires, 1000 BCE-300 CE

1. Understands technological and cultural innovation and change from 1000 to 600 BCE
2. Understands how Aegean civilization emerged and how interrelations developed among peoples of the eastern Mediterranean and Southwest Asia from 600 to 200 BCE
3. Understands how major religious and large-scale empires arose in the Mediterranean basin, China, and India from 500 BCE to 300 CE
4. Understands how early agrarian civilizations arose in Mesoamerica
5. Understands major trends in Eurasia and Africa from 4000 to 1000 BCE

Era 4 Expanding Zones of Exchange and Encounter, 300-1000 CE

1. Understands the Imperial crises and their aftermath in various regions from 300 to 700 CE
2. Understands the causes and consequences of the development of Islamic civilization between the 7th and 10th centuries
3. Understands major developments in East Asia in the era of the Tang Dynasty from 600 to 900 CE
4. Understands the political, social, and cultural redefinitions in Europe from 500 to 1000 CE
5. Understands the development of agricultural societies and new states in tropical Africa and Oceania
6. Understands the rise of centers of civilization in Mesoamerica and Andean South America in the first millennium CE
7. Understands major global trends from 300 to 1000 CE

Era 5 Intensified Hemispheric Interactions 1000-1500 CE

1. Understands the maturation of an interregional system of communication, trade, and cultural exchange during a period of Chinese economic power and Islamic expansion
2. Understands the redefinition of European society and culture from 1000 to 1300 CE
3. Understands the rise of the Mongol empire and its consequences for Eurasian peoples from 1200 to 1350
1. Understands the growth of states, towns, and trade in Sub-Saharan Africa between the 11th and 15th centuries
4. Understands patterns of crisis and recovery in Afro-Eurasia between 1300 and 1450
5. Understands the expansion of states and civilizations in the Americas between 1000 and 1500
6. Understands major global trends from 1000 to 1500 BCE

Era 6 Global Expansion and Encounter, 1450-1770

1. Understands how the transoceanic interlinking of all major regions of the world between 1450 and 1600 led to global transformations
2. Understands how European society experienced political, economic, and cultural transformations in an age of global intercommunication between 1450 and 1750
3. Understands how large territorial empires dominated much of Eurasia between the 16th and 18th centuries
4. Understands the economic, political, and cultural interrelations among peoples of Africa, Europe, and the Americas between 1500 and 1750
5. Understands transformations in Asian societies in the era of European expansion
6. Understands major global trends from 1450 to 1770

Era 7 An Age of Revolutions, 1750-1914

1. Understands the causes and consequences of political revolutions in the late 18th and early 19th centuries
2. Understands the causes and consequences of the agricultural and industrial revolutions from 1700 to 1850
3. Understands how Eurasian societies were transformed in an era of global trade and the emergence of European power from 1750 to 1850
4. Understands patterns of nationalism, state-building, and social reform in Europe and the Americas from 1830 to 1914
5. Understands patterns of global change in the era of Western military and economic domination from 1850 to 1914
6. Understands major global trends from 1750 to 1914

Era 8 A Half-Century of Crisis and Achievement, 1900-1945

1. Understands reform, revolution, and social change in the world economy in the early 20th century
2. Understands the causes and global consequences of World War I
3. Understands the search for peace and stability throughout the world in the 1920s and 1930s
4. Understands the causes and global consequences of World War II
5. Understands major global trends from 1900 to the end of World War II

Era 9 The 20th Century Since 1945: Promises and Paradoxes

1. Understands how post-World War II reconstruction occurred, new international power relations took shape, and colonial empires broke up
2. Understands the search for community, stability, and peace in an interdependent world
3. Understands major global trends since World War II

World History Across the Eras -Understands long-term changes and recurring patterns in world history

FOREIGN LANGUAGE

1. Uses the target language to engage in conversations, express feelings and emotions, and exchange opinions and information
2. Understands and interprets written and spoken language from diverse media
3. Presents information, concepts, and ideas to an audience of listeners or readers on a variety of topics
4. Understands traditional ideas and perspectives, institutions, professions, literary and artistic expressions, and other components of target culture
5. Understands that different languages use different patterns to communicate and applies this knowledge to the target and native languages

MUSIC

1. Sings alone and with others, a varied repertoire of music
2. Performs on instruments alone and together, a varied repertoire of music
3. Improvises melodies, variations, and accompaniments.
4. Composes and arranges music within specified guidelines
5. Reads and notates music
6. Knows and applies criteria to music and musical performances
7. Understands relationships between music and history and culture

ART

1. Understands and applies media techniques and processes related to visual arts
2. Knows how to use structures and functions of art
3. Knows range of subject matter.
4. Understands the visual arts in relation to history and cultures
5. Understands the characteristics and merits of one's own artwork and the artwork of others

PHYSICAL EDUCATION

1. Uses a variety of basic and advanced movement forms
2. Uses movement concepts and principles in development of motor skills
3. Understands benefits and costs associated with participation in physical activity
4. Understands how to monitor and maintain a healthy, enhanced level of physical fitness
5. Understands the social and personal responsibility associated with participation in physical activity

TECHNOLOGY - References McRel with new NETS standards, updated June, 2007

1. Knows characteristics and computer hardware and operating systems (NETS 6)
2. Knows the characteristics and uses of computer software programs (NETS 6)
3. Understands relationships among science, technology, society, and the individual (NETS 1, 2, 3, 4, 5)
4. Understands the nature of technological design (NETS 2, 4, 5)
5. Understands the nature and operation of systems (NETS 1, 2, 3, 4, 5, 6)
6. Understands the nature and uses of different forms of technology (NETS 3, 6)

National Educational Technology Standards (NETS) for Students: The Next Generation
"What students should know and be able to do to learn effectively and live productively in an increasingly digital world ..." Updated/Refreshed June, 2007

1. Creativity and Innovation

Students demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology. Students:

- a. apply existing knowledge to generate new ideas, products, or processes.
- b. create original works as a means of personal or group expression.
- c. use models and simulations to explore complex systems and issues.
- d. identify trends and forecast possibilities.

2. Communication and Collaboration

Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others. Students:

- a. interact, collaborate, and publish with peers, experts or others employing a variety of digital environments and media.
- b. communicate information and ideas effectively to multiple audiences using a variety of media and formats.
- c. develop cultural understanding and global awareness by engaging with learners of other cultures.
- d. contribute to project teams to produce original works or solve problems.

3. Research and Information Fluency

Students apply digital tools to gather, evaluate, and use information. Students:

- a. plan strategies to guide inquiry.
- b. locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media.
- c. evaluate and select information sources and digital tools based on the appropriateness to specific tasks.
- d. process data and report results.

4. Critical Thinking, Problem-Solving & Decision-Making

Students use critical thinking skills to plan and conduct research, manage projects, solve problems and make informed decisions using appropriate digital tools and resources. Students:

- a. identify and define authentic problems and significant questions for investigation.
- b. plan and manage activities to develop a solution or complete a project.
- c. collect and analyze data to identify solutions and/or make informed decisions.
- d. use multiple processes and diverse perspectives to explore alternative solutions.

5. Digital Citizenship

Students understand human, cultural, and societal issues related to technology and practice legal and ethical behavior. Students:

- a. advocate and practice safe, legal, and responsible use of information and technology.
- b. exhibit a positive attitude toward using technology that supports collaboration, learning, and productivity.
- c. demonstrate personal responsibility for lifelong learning.
- d. exhibit leadership for digital citizenship.

6. Technology Operations and Concepts

Students demonstrate a sound understanding of technology concepts, systems, and operations. Students:

- a. understand and use technology systems.
- b. select and use applications effectively and productively.
- c. troubleshoot systems and applications.
- d. transfer current knowledge to learning of new technologies.

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FAMILY CONSUMER SCIENCE -From *Iowa Content Standards and Benchmarks for Family Consumer Science (FCS)*, 1999; updated 2003

1. Housing, Interiors, and Furnishings - Integrates knowledge, skills, and practices required for careers in housing, interiors, and furnishings
2. Consumer and Family Resources - Evaluates management practices related to the human, economic, and environmental resources
3. Facilities Management and Maintenance - Integrates knowledge, skills, and practices required for careers in facilities management and maintenance
4. Food Production and Services - Integrates knowledge, skills, and practices required for careers in food production and services
5. Food Science, Dietetics, and Nutrition - Integrates knowledge, skills, and practices required for careers in food science, dietetics, and nutrition
6. Nutrition and Wellness - Demonstrates nutrition and wellness practices that enhance individual and family well-being
7. Family and Community Services - Integrates knowledge, skills, and practices required for careers in family and community services
8. Interpersonal Relationships - Demonstrates respectful and caring relationships in the family, workplace, and community
9. Career, Community, and Family Connections - Integrates multiple life roles and responsibilities in family, work, and community settings
10. Early Childhood, Education, and Services - Integrates knowledge, skills, and practices required for careers in early childhood, education, and services
11. Consumer Services - Integrates knowledge, skills, and practices required for careers in consumer services
12. Textiles and Apparel - Integrates knowledge, skills, and practices required for careers in textiles and apparel
13. Hospitality, Tourism, and Recreation - Integrates knowledge, skills, and practices required for careers in hospitality, tourism, and recreation.
14. Human Development - Analyzes factors that impact human growth and development.
15. Family - Evaluates the significance of family and its impact on the well being of individuals and society.
16. Parenting - Evaluates the impact of parenting roles and responsibilities on strengthening the well being of individuals and families.

BUSINESS - From *Iowa Content Standards and Benchmarks for Business and Technology, 1999; updated 2001*

1. Foundations: Career Development - Understands career concepts as a basis for making appropriate career choices
2. Communications - Understands concepts, strategies, and systems needed to interact effectively with others
3. Computation - Understands essential mathematical operations and statistical procedures
4. Economics - Understands economic principles and concepts fundamental to business
5. Entrepreneurship - Understands fundamental entrepreneurial concepts that affect business decision making
6. Accounting and Finance - Understands the concepts and applies the principles of accounting, financial decision-making, and personal finance
7. Information Management and Systems - Understands and applies the concepts, systems, and tools needed to gather, access, synthesize, evaluate, and disseminate information
8. Business Administration and Management - Understands and applies the processes and concepts needed for effective business management
9. Marketing - Understands the basic marketing principles of distribution, price, promotion, and sales

BEHAVIORAL STUDIES

1. Understands that group and cultural influences contribute to human development, identity, and behavior
2. Understands various meanings of social groups, general implications of group membership, and different ways that groups function
3. Understands that interactions among learning, inheritance, physical development affect human behavior
4. Understands conflict, cooperation, and interdependence among individuals, groups, and institutions

LIFE SKILLS

Thinking and Reasoning

1. Understands and applies the basic principles of presenting an argument
2. Understands and applies basic principles of logic and reasoning
3. Effectively uses mental processes that are based on identifying similarities and differences (compares, contrasts, classifies)
4. Understands and applies basic principles of hypothesis testing and scientific inquiry
5. applies basic trouble-shooting and problem solving techniques
6. Applies decision-making techniques

Working with Others

1. Contributes to the overall effort of a group
2. Uses conflict-resolution techniques
3. Works well with diverse individuals and in diverse situations
4. Displays effective interpersonal communication skills
5. Demonstrates leadership skills

Self-Regulation

1. Sets and manages goals
2. Performs self-appraisal
3. Considers risks

4. Maintains a healthy self-concept
5. Restrains impulsivity
- 6.

Life Work

1. Makes effective use of basic tools
2. Uses various information sources including those of a technical nature to accomplish specific tasks
3. Manages money effectively
4. Pursues specific jobs
5. Makes general preparation for entering the workforce
6. Makes effective use of basic life skills
7. Displays reliability and a basic work ethic
8. Operates effectively within organizations