

5th GRADE CURRICULUM

Grade: 5-8

Subject: Art

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Goals:

1. Students will use learned skills and flexibility in creating two and three-dimensional artwork.
2. Students will create drawings from multiple sources such as their own experiences, trends, the news and media or concepts in other subject areas for themes to incorporate into artwork.
3. Students will use subjects, themes and symbols of artwork from different cultures and eras.
4. Students will define, describe and demonstrate the effect of light on color: value, tone, shade.
5. Students will define, describe and demonstrate the effect of light on textures and forms: chiaroscuro.
6. Students will create more complex artworks with greater detail.
7. Students will portray objects using different: points of view, lighting, sizes, motions, and intensity.
8. Students will create artwork from what is observed, in the form of still life and landscapes.
9. Students will create abstract artwork incorporating various materials and media.
10. Students will use a variety of mediums and techniques to create artwork.
11. Students will increase art vocabulary and knowledge of various artists, current and those throughout history.
12. Students will learn about human forms and in detail how to map the face and begin to draw a self portrait.

Content Topics: Knowledge/Skills/Values

1. Drawing and shading techniques
2. Basic clay techniques
3. More advanced design and construction techniques
4. Beginning drawing of human form and features
5. Painting techniques
6. Introduction into perspective drawing
7. Sculpture – construction and techniques
8. Plaster molding and mask making
9. Tessellations
10. Collage techniques
11. Basket making processes and techniques
12. Art History and using particular artist's styles, concepts and techniques

Resources, activities, and assessments:

Poster and other visual materials
Art Magazines
Kiln
Teacher demonstration and instruction
Teacher made worksheets and projects

Capitalization and Punctuation

Students will:

1. Use commas to separate items in a series, to separate introductory elements, and to indicate a direct address.
2. Use underlining, italics, or quotations marks on titles.

Grammatical Structures

Students will:

1. Form and use the perfect verb tense.
2. Recognize and correct inappropriate shifts in verb tense.
3. Identify complements and objects of the preposition.

Parts of Speech

Students will:

1. Use parts of speech listed in grades K through 4 curricula in written work proficiently.
2. Identify conjunctions and interjections and explain their function.

Listening Skills

Students will:

1. Summarize material presented orally and provide evidence for points made.

Vocabulary

Spelling:

Students will:

1. Spell words based on fifth grade reading and content.

Acquisition:

Students will:

1. Identify meanings of unknown words acquired through listening to, reading and discussing fifth grade content.
2. Identify affixes and explain how they affect word meaning.
3. Explore word relationships as listed in grades K – 4 curriculum.

Literature

Literary Techniques:

Students will:

1. Identify and explain personification and use of dialect, jargon and slang.
2. Interpret figurative language within grade level text.

Literary Elements:

Students will:

1. Use textual evidence to explain how the setting contributes to the tone, mood, and atmosphere of a story; how a character develops throughout a story; how a character's point of view influences how events are described; and support the theme.
2. Identify and explain internal and external conflict.
3. Construct plot diagrams.

Comprehension Skills:

Students will:

1. Apply comprehension skills listed in the K – 4 curricula to analyze grade level text.

Literary Genres:

Students will:

1. Read and discuss culturally and historically diverse grade level appropriate literature.
2. Explain the difference between poems, drama and prose referring to the structural elements.

Informational Text

Text Structure:

Students will:

1. Compare and contrast the overall structure of how a text is written (chronology, comparison, cause and effect, problem and solution) in multiple texts.
2. Apply information from multiple digital sources.

Comprehension Skills:

Students will:

1. Use two or more main ideas and their supporting details to summarize a text.
2. Explain how the author uses evidence to support his or her point of view.
3. Quote accurately from a text to explain information.
4. Compare and contrast multiple texts on the same topic.

Vocabulary Skills:

Students will:

1. Identify and define academic and subject specific words and phrases in a text relevant to fifth grade.

Speaking Skills

Students will:

1. Deliver presentations using appropriate volume, tone of voice, rate of speech, fluency, inflections, and eye contact.

Research Process and Reference Skills

Students will:

1. Generate a list of key words or phrases to investigate a topic.
2. Revise, with minimal assistance, focus questions and/or keywords as information is gathered.
3. Record information gathered from a variety of sources with minimal assistance.
4. Select, with assistance, the best source for information.
5. Produce a list of sources used in research.

Writing

Writing Process:

Students will:

1. Choose prewriting strategies appropriate to writing tasks.
2. Draft, revise for sentence variety, word choice and voice.
3. Proofread and publish a finished product.

Sentence:

Students will:

1. Refine sentences by expanding, combining or reducing for meaning, interest, and style.

Essay:

Students will:

1. Write narrative, descriptive, persuasive, and expository essays with an introductory paragraph, 3 supporting paragraphs and a concluding paragraph.
2. Compose arguments to support a position using logically grouped ideas and evidence based terms.

Operations and Algebraic Thinking

Students will:

1. Use grouping symbols to write, evaluate, and solve expressions
2. Translate word phrases into simple numerical math expressions
3. Analyze numerical patterns and relationships using two given rules

Number and Operations in Base Ten

Students will:

1. State the value of each digit in a multi-digit number and its relationship to adjacent digits
2. Explain patterns of numbers when multiplying and dividing by powers of ten
3. Read, write, and compare decimals to thousandths
4. Round decimals to thousandths
5. Fluently multiply multi-digit whole numbers
6. Find whole-number quotients with up to four-digit dividends and two-digit divisors
7. Add, subtract, multiply, and divide decimals to the hundredths place

Numbers and Operations – Fractions

Students will:

1. Add and subtract fractions and mixed numbers with unlike denominators
2. Estimate and solve word problems using addition and subtraction of fractions
3. Solve word problems using division of whole numbers with fractional or mixed number quotients
4. Multiply a fraction or a whole number by a fraction
5. Interpret and explain multiplication by comparing the size of a product to the size of its factors
6. Solve word problems involving multiplication of fractions and mixed numbers
7. Divide unit fractions by a whole number or a whole number by a unit fraction

Measurement and Data

Students will:

1. Convert like measurement units within a given measurement system to solve multi-step, real world problems
2. Represent, interpret and display a data set on a line plot in fraction units
3. Identify volume measurement and attributes of solid figures
4. Measure volumes by counting cubic units
5. Use multiplication and addition to solve real world problems involving volume

Geometry

Students will:

1. Graph points on the coordinate plane to solve real world problems
2. Classify two-dimensional figures into categories based on their properties

Resources, Activities, Assessments:

Progress in Mathematics- Sadlier-Oxford (copyright 2012)
On-line textbook-Progress in Mathematics 5
Simple Solutions Level 5- Bright Ideas Press (consumable material-annual purchase)
Manipulatives for counting, time, money, measuring, and fractions
Calculators
Student Dry Erase Boards
Smart Notebook software for interactive media
Websites for extra practice used by class and individual students
IA IOWA Assessment- Riverside Publishing (2012)

Math Software for Computer Lab

- : Professor Fractions-Micrograms
- Jim Sports Word Problems-Micrograms
- Wild West MathMicrograms
- Pdf of textbook: Progress in Mathematics- Sadlier-Oxford Publishing

Goals:

1. Students will describe elements of music through singing and listening.
2. Students will apply basic elements of music and describe music using basic musical vocabulary.
3. Students will sing using a variety of musical genre
4. Students will apply music notation in singing and playing an instrument.
5. Students will recognize different styles of music.
6. Students will apply music to other subject areas.

Content Topics: Knowledge/Skills/Values

1. Elements of music: melody, rhythm, form, harmony, media, and expression
2. Musical vocabulary: steady beat, rhythm, tempo, dynamics, notation, ostinatio, phrases, descant, and countermelodies
3. Styles of music: echo songs, partner songs, rounds, ballads, folk songs, and songs from other cultures
4. Read and write musical notation in oral and written form: treble clef, bass clef, note type, notes names, time signature, rest, note values, endings, pick-up notes
5. Play a musical instrument
6. Music across the curriculum: multicultural songs, math connection to notation, cultural and historical events as background to songs, liturgical activities, play and reading scripts, writing lyrics using poetry styles, various seasonal events
7. Dictation of Melodies and Intervals using the Kodaly System
8. Singing a variety of songs

Resources, activities, and assessments:

Textbooks and resource guides: Silver Burdett & Ginn (copyright 1991)

Music K8 program music

Various CD's and videos Music Bingo / Manuscript Books

Instruments (recorders, keyboards, Boomwackers, rhythm instruments, tone bells, etc.)

Teacher made worksheets and tests

Goals:

1. Students will describe elements of music through playing an instrument.
2. Students will demonstrate knowledge of basic vocabulary terms.
3. Students will be able to read music and write music notation.
4. Students will be able to listen and describe music.
5. Students will learn about the history of music, composers, and multicultural music.
6. Students will apply their knowledge of music and show the relationship between music and other subjects.

Content Topics: Knowledge/Skills/Values

1. Elements of music: melody, harmony, rhythm, form, media, and expression
2. Vocabulary: steady beat, rhythm, syncopation, tempo, dynamics, music notation, periods of history, and musical styles
3. Styles of music: music from historical periods of the arts, such as rondo, fugue, concerto, sonata, opera, operetta, jazz, etc.
4. Read music: notation in oral and written form. Treble clef, note type, note names, time signature, rests, note values, endings, pick-up notes, accent symbols, and repeats.
5. Differentiate between styles of music and use appropriate musical vocabulary to describe the style of music being performed.
6. Study of various composers and their relationship to history that are introduced in relationship to the music being played.
7. Music across the curriculum-mathematical relationship of beats and note values, movement of sound waves, writing reports and biographical outlines.

Resources, activities, and assessments:

Method Book “Standard of Excellence”
Resource books on composers
Various CD’s and videos
Posters and timelines
Four families of instruments: strings, percussion, brass, woodwinds
Teacher-made worksheets and tests
Computer Lab – Internet Research

Goals:

1. Students will develop the various skills of physical activity/sports/games.
2. Students will identify equipment used in sports/games.
3. Students will become familiar with rules associated with sports/games.
4. Students will demonstrate knowledge of sports/games through participation.
5. Students will practice and observe safety procedures.

Content Topics: Knowledge/Skills/Values

1. Long distance running
2. Short distance running
3. Obstacle course/track and field
4. Tumbling
5. Football
6. Team sports
7. Passing skills
8. Basketball
9. Softball, baseball
10. Soccer

Resources, Activities, Assessments:

Presidential Physical Fitness Tests
Healthteacher.com
Team sports
Teacher Created Skills Tests
Teacher observation

Goals:

1. Students will identify and describe the seven sacraments, and participate in Eucharist and Reconciliation.
2. Students will identify symbols used in the sacraments and express an understanding of their meaning.
3. Students will identify the parts of the Mass and identify liturgical seasons during the Church year.
4. Students will demonstrate all types of prayer (praise, petition, thanksgiving) and the ability to use them orally and written.
5. Students will show respect for one another and act in accordance with the message of the Gospels.
6. Students will be able to make good moral decisions.
7. Students will recognize sacred scripture and apply it to everyday life.
8. Students will demonstrate a knowledge of the books of the Bible.

Content Topics: Knowledge/Skills/Values

1. Sacraments
2. Grace
3. The parts of the Mass
4. Symbols for each of the sacraments
5. Church year/liturgical seasons
6. Participation in various modes of prayer: recited, spontaneous, oral, written
7. Participation in planning of liturgies
8. Participation in Eucharist and Reconciliation
9. Ten Commandments and The Two Greatest Commandments
10. Scripture
11. Prayers Mastered: Apostles Creed , Nicene Creed, and Hail Holy Queen.
Introduce Memorare and Mysteries of the Rosary

Resources, Activities, Assessments:

Christ Our Life Series: Loyola Press
ACRE test
Catechism of the Catholic Church
Children's Daily Prayer Book – Liturgy Training Publications
Mass Preparation – Lectionary
Bible
Family Life 5, Benziger (copyright 2001)
D.A.R.E.
Rosary Booklets

Goals:

1. Students will be able to identify several human body systems, growth and reproduction of animals and plants.
2. Students will understand the interactions between nature cycles, biomes and the earth resources.
3. Students will explore how the solar systems was formed.
4. Students will learn how plate tectonics helped to form today's oceans and continents and be able to identify the modern continents and oceans.
5. Students will examine the properties of matter, magnetism and force.
6. Students will understand the laws of motion and how the use of simple machines enable work to be done more easily.
7. Students will apply the scientific methods to classroom experiments and investigations.
8. Students will explore the effect of life style choices on the human body.

Current Topics: Knowledge/Skills/Values

1. Cells and human body systems
2. Animal and plant growth and reproduction
3. Nature cycles, interactions, ecosystems and biomes.
4. Earth's surfaces, resources and climate
5. Exploring oceans
6. Properties of matter
7. Magnetism and gravitation forces
8. Simple machines
9. Laws of motion
10. Scientific method (observation, inferences, hypothesis, variables, procedure and conclusion)

Resources, Activities, Assessments:

Science: A Closer Look – Macmillan/McGraw-Hill (copyright 2008)

Hands-on activities

Videos

D.A.R.E.

IA Iowa Assessments- Riverside Publishing (2012)

Goals:

1. Students will investigate motives that drove exploration of the New World.
2. Students will understand the contribution colonial settlers made towards the development of democracy, education, culture, and eventual independence from England.
3. Students will explore and trace the routes of pioneer life leading towards Westward expansion of the U.S.
4. Students will investigate and analyze issues leading to the Civil War.
5. Students will use geographic and research skills to analyze and interpret information.
6. Students will apply knowledge in discussion of current events.

Content Topics: Knowledge/Skills/Values

1. Exploration of New World
2. Colonization of Western Hemisphere
3. American Revolution and New Government
4. Western expansion
5. States rights, slavery, emancipation, and the Civil War
6. Industrial Revolution
7. Geography and map skills
8. Current events

Resources, Activities, Assessments:

United States - Scott Foresman (copyright 2009)
United States – Workbook, Scott Foresman (copyright 2009)
Dear America videos
Scholastic News Magazine
Technology research and use of word processing
Textbook website
Map outlines
Scott Foresman Teaching Resource Books
IA Iowa Assessments- Riverside Publishing (2012)