

## 6<sup>th</sup> 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. Recognize and correctly use conventions of standard English, spelling, capitalization, punctuation, including commas in nonrestrictive or parenthetical elements, parentheses, and hyphens in compound words.
2. Produce written text incorporating the proper formatting for dialogue.

**Grammatical Structures**

Students will:

1. Identify the subject, verb and complement in a sentence.
2. Identify and use direct and indirect objects and subject complements.
3. Recognize sentences as declarative, interrogative, imperative, or exclamatory.

**Parts of Speech**

Students will:

1. Categorize nouns, verbs, adjectives, pronouns and prepositional phrases by type.
2. Identify and use appositives.

**Listening Skills**

Students will:

1. Apply the listening skills listed in grades K through 5 curricula to interpret teacher selected topics and sources.

**Vocabulary**

***Spelling:***

Students will:

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

***Acquisition:***

Students will:

1. Expand working vocabulary and apply vocabulary skills to reading, writing, and oral applications based on sixth grade reading content.
2. Indicate a word's origin.

**Literature**

***Literary Techniques:***

Students will:

1. Identify and explain hyperbole and onomatopoeia.
2. Interpret use of dialect within grade level text.

***Literary Elements:***

Students will:

1. Interpret tone, and mood of words and phrases including figurative and connotative meanings.
2. Identify examples of flashback and how they relate to the plot.
3. Analyze character development through direct and indirect characterization.
4. Explain how author's point of view is used to convey theme.
5. Explain how an author develops the character's point of view.

**Comprehension Skills:**

Students will:

1. Apply comprehension skills listed in the K – 5 curricula to analyze grade level text.

**Literary Genres:**

Students will:

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

**Informational Text**

**Text Structure:**

Students will:

1. Describe how a sentence, paragraph or section supports the overall structure of the text (chronology, comparison, cause and effect, problem and solution).
2. Use information from different media or formats to comprehend topic.

**Comprehension Skills:**

Students will:

1. Analyze how the main ideas and details are conveyed throughout a text.
2. Summarize a text without personal opinion or judgment.
3. Use details from the text to evaluate the accuracy and credibility of the information presented.
4. Analyze multiple texts on the same topic noting similarities and differences.

**Vocabulary Skills:**

Students will:

1. Identify and define academic and subject specific words and phrases, including figurative, connotative, and technical meanings, in a text relevant to sixth grade.

**Speaking Skills**

Students will:

1. Engage effectively in collaborative discussions relating to teacher selected sources.
2. Deliver oral presentations using appropriate public speaking techniques.

**Research Process and Reference Skills**

Students will:

1. Conduct research on a given topic.
2. Gather relevant information from credible print and digital sources.
3. Quote and paraphrase information without plagiarism.
4. Construct a presentation using a standard format.
5. Produce basic information for a citation page.

**Writing**

**Writing Process:**

Students will:

1. Demonstrate the proper steps in the writing process.
2. Revise for ideas, organization, content, word choice, voice and fluency.
3. Proofread using conventions of correctly written English.

**Sentence:**

Students will:

1. Construct and use simple and compound sentences in all writing applications.

**Essay:**

Students will:

1. Write 5 paragraph essays using precise language, including figurative language. sensory details and purposeful dialogue.
2. Use topic specific vocabulary and relevant details.
3. Compose arguments that support claims with clear reasons and relevant evidence.

**Ratios and Proportional Relationships**

Students will:

1. Describe a ratio relationship between two quantities
2. Apply the concept of a unit rate associated with a ratio
3. Use ratio and unit rate reasoning to solve real-world problems

**The Number System**

Students will:

1. Divide fractions by fractions
2. Fluently divide multi-digit numbers using the standard algorithm
3. Fluently add, subtract, multiply, and divide multi-digit decimals
4. Determine greatest common factor and least common multiple of two whole numbers
5. Describe the relationship between positive and negative numbers in relation to zero in real-world problems
6. Recognize and represent a rational number as a point on the number line and on the coordinate plane
7. Demonstrate ordering and absolute value of rational numbers
8. Solve real-world problems by graphing points on the four quadrants of the coordinate plane

**Expressions and Equations**

Students will:

1. Write and evaluate numerical expressions involving whole-number exponents
2. Write, read, and evaluate expressions involving variables
3. Apply the properties of operations to generate equivalent expressions
4. Identify when two expressions are equivalent
5. Reason and solve one-variable equations and inequalities
6. Solve real-world problems by writing and solving equations
7. Translate a verbal phrase into an inequality and graph the solution
8. Represent and analyze quantitative relationships between dependent and independent variables

**Geometry**

Students will:

1. Calculate the area of triangles, quadrilaterals, and polygons
2. Calculate the volume of a right rectangular prism
3. Draw polygons in the coordinate plane given coordinates for the vertices
4. Represent three-dimensional figures and calculate the surface area

## **Statistics and Probability**

Students will:

1. Investigate statistical variability
2. Summarize and describe distributions

### **Resources, activities, and 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

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 be able to read music and write musical notation
4. Students will differentiate between styles of music and use appropriate musical vocabulary to describe the style of music in the selections.
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.
7. Vocal students will compose simple melodic notations and create rhythmic and melodic ostinato patterns.
8. Students will sing in parts or play instruments using two and three-part harmony.

**Content Topics: Knowledge/Skills/Values**

1. Elements of music: melody, harmony, rhythm, form, media, and expression
2. Musical vocabulary
3. Styles of music: music from historical periods of the arts, such as rondo, fugue, concerto, sonata, opera, operetta, jazz, etc.
4. Read musical notation in oral and written form: treble clef, bass clef, note type, note names, time signature, rests, note values, endings, pick-up notes, accent symbols, and repeats
5. Musical styles
6. Music across the curriculum: mathematical relationship of beats and note values, influence of historical events and composer to the arts, movement of sound waves, writing reports and biographical outlines
7. Intervals – Kodaly System

**Resources, activities, and assessments:**

Ralph Kamen - Book on Music Appreciation  
Book - If It Ain't Baroque  
Resource books on composers  
Various CD's and videos  
Posters and timelines  
Manuscript Books  
Keyboards  
Teacher made worksheets and tests  
Computer lab - Internet research

**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 vocabulary terms to describe music being performed.
6. Study of various composers and 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. The students will develop the various skills of physical activity/sports/games.
2. The students will identify equipment used in sports/games.
3. The students will become familiar with rules associated with sports/games.
4. The students will demonstrate knowledge of sports/games through participation.
5. The students will practice and observe safety procedures.

**Content Topics: Knowledge/Skills/Values**

1. Long-distance running
2. Short-distance running
3. Fitness/aerobics
4. Tumbling
5. Football
6. Team sports
7. Track and field
8. Basketball
9. Softball/baseball
10. Soccer

**Resources, activities, and assessments:**

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

**Goals:**

1. Students will describe the structure of the Bible, locate passages, and name the various literary forms in Scripture.
2. Students will describe the meaning of “covenant” and how God remains faithful to us in our lives.
3. Students will identify the patriarchs and matriarchs of the Old Testament and describe their contributions to the growth of our faith.
4. Students will show appreciation for the Bible as the inspired word of God.
5. Students will apply the teachings and lessons of Scripture to their lives by responding to the needs of others and by being people of service.
6. Students will identify Jesus as the fulfillment of the Old Testament Covenant.

**Content Topics: Knowledge/Skills/Values**

1. Structure of the Bible
2. Sacred events and significant persons in Scripture
3. Literary forms of the Bible
4. Concept of covenant
5. Ten Commandments and The Two Greatest Commandments
6. Corporal and Spiritual Works of Mercy and Beatitudes
7. Psalms and Scripture
8. Social teaching of the common good and dignity of the human person
9. Prayer: spontaneous, traditional, oral, and written (Introduce: Memorare, Prayer of St. Francis), Angelus, and prayer to the Holy Spirit.)

**Resources, activities, and assessments:**

Christ Our Life- God Calls A People Loyola Press  
Family Life 6, Benziger (copyright 2001)  
Bible  
Mass preparation lectionary  
Catechism of the Catholic Church  
Children’s Daily Prayer Book, Liturgy Training Publications

**Goals:**

1. Students will demonstrate an understanding of earth's surface and topography.
2. Students will identify the main layers of the earth and their characteristics.
3. Students will identify the properties of minerals.
4. Students will classify rocks as igneous, metamorphic, or sedimentary.
5. Students will understand the forces driving the theory of plate tectonics, volcanoes, and earthquakes.
6. Students will identify the agents of erosion and weathering.
7. Students will identify the layers of the atmosphere.
8. Students will explain the factors that influence weather and climate.
9. Students will identify the objects in space.
10. Students will design and conduct scientific investigations demonstrating an understanding of the Scientific Method and metric measurement.

**Content Topics: Knowledge/Skills/Values**

1. Topography
2. Rocks and Minerals
3. Plate Tectonics
4. Earthquakes and Volcanoes
5. Erosion and Weathering
6. Earth's Structure
7. Astronomy
8. Meteorology
9. Scientific Method (observation, inferences, hypothesis, independent/dependent variable, procedure, conclusion)
10. Metric Measurement
11. Graph and charting information

**Resources, activities, and assessments:**

Earth Science – Glencoe/McGraw-Hill (copyright 2008)  
Internet Activities  
Hands-on Activities  
Videotapes  
Science Fair Project  
Iowa Tests of Basic Skills

**Geography/World History**

**Goals:**

1. Students will have an understanding of the basic fundamentals of geography including terms, reading maps and the five themes.
2. Students will understand how links to the past help to build links to the future.
3. Students will understand history by examining and interpreting different sources,(e.g. archeology and oral histories)
4. Students will uncover clues to the past to aid in the understanding of the development of cultures from hunter-gatherers to the Roman Empire.
5. Students will gather information and develop an understanding relative to the contributions of earlier civilization (link it all together).

**Content Topics: Knowledge/Skills/Values**

1. Introduction to basic geography skills and five themes: place, human/environment interaction, movement, location, region.
2. Archeology
3. Early man
4. Ancient Mesopotamia
5. Ancient Egypt
6. Ancient India
7. Ancient China
8. The Israelites
9. Ancient Greece
10. Ancient Rome

**Resources, activities, and assessments:**

World History Holt  
World History Resources Holt  
Reading materials gathered by teacher  
Mapping Work  
Projects  
Teacher Made Tests  
Internet Investigations  
Videos  
Cooperative Learning Experiences  
IOWA Tests of Basic Skills