

**MARY, QUEEN OF PEACE SCHOOL**  
**Grade Level Goals and Content**

**GRADE: 8**

**SUBJECT: Art**

**GOALS:** Given the nature of Art Education there is no straight progression of art. The levels will vary and overlap one another in sequence.

Students will engage in a qualitative exploration of:

1. art history.
2. art making ( production ).
3. art criticism ( analysis ).
4. art aesthetics ( judgement ).

**CONTENT TOPICS:**

1. History ( processes of criticism and aesthetic judgement of artists, styles, time periods, and cultures )
2. Art elements and principles (line, shape, color, texture, value, form, space, variety, rhythm, balance, movement, proportion, gradation, emphasis, harmony, unity and contrast)
3. Art media and processes (variety of drawing materials, acrylic paint, masks plaster techniques), collage, and assemblage)
4. Two-dimensional imagery (drawing and painting projects on units of landscape, figure, portraits, still-life and non-objective art /design, decorative arts, and architecture)
5. Three-dimensional forms (ceramic, sculpture, and mobiles)
6. Equipment and art material safety (appropriate care and use)

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**SUBJECT: Computer**

**GOALS:**

Students will:

1. create word processing and drawing documents relating to grade level curriculum topics.
2. continue to import graphics to word processing documents independently.
3. continue to make independent revisions in word processing documents to correct errors.
4. continue to save and print documents independently.
5. use spreadsheets to create graphs, forms, calendars and schedules.
6. continue to create Multimedia Authoring files with addition of animations.
7. continue to import drawn graphics, clip art, and digital images into applications.
8. use provided Internet web sites and CD ROM resources to research grade level curriculum topics.
9. continue to observe restrictions as stated in the AUP; in particular copyright, Internet file access, and plagiarism.

**CONTENT TOPICS:**

1. Word Processing: writing short reports  
Import digital photographs  
Publish school newspaper
2. Graphics: rotate, reduce, enlarge in Hyperstudio and word processor  
Import graphics from encyclopedias  
Import drawn graphics from Drawing Program into word processor
3. Spreadsheet: bar, pie and line graphs  
Format cells with correct font and font size  
Cell height and width  
Formulas applied to data  
Forms/calendars/schedules
4. PowerPoint  
Create text boxes  
Use Word Art  
Import graphics/photographs from other sources including web sites  
Create hyperlinks for web site credits  
Create transitions and animations
5. Internet: web sites used to gather information for Hyperstudio and word processing paragraphs; web site information used to make conclusions and answer questions; research using Internet search engines
6. Drawing Program: Import original graphics into word processor or Hyperstudio
7. CD ROM encyclopedias as a research tool
8. Digital Camera/Scanner: Use camera/scanner to import photographs/graphics into the word processor, Hyperstudio, or Drawing Program
9. Copyright laws as they apply to web site graphics and text
10. Do not to browse the Internet freely without direction from teacher
11. iMovie-editing video/add music/titles/digital photos

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**SUBJECT: Language Arts**

**GOALS:**

Students will:

1. use a wide range of strategies to comprehend, interpret, analyze, and evaluate fiction and non-fiction as literary genres.
2. read, analyze, and evaluate a wide range of culturally diverse literary genres.
3. communicate effectively through formal and informal writing using correct language structure and conventions.
4. use effective strategies for writing utilizing the writing process.
5. recognize the importance of vocabulary and spelling through usage.
6. use speaking as a tool for communication, reflection, analysis, and evaluation.
7. listen attentively and critically for learning, enjoyment, and exchange of ideas.
8. research and independently apply information, ideas, processes, and skills to learn in all curricular areas.

**CONTENT TOPICS:**

1. Sentences (simple, compound, complex)
2. Sentence structure (phrases and clauses, diagraming)
3. Review parts of speech (nouns, verbs, adverbs, adjectives, pronouns, prepositions, conjunctions)
4. Conjugation of verbs
5. Appropriate punctuation and capitalization
6. Vocabulary (literary and figurative meaning, literature context, word analysis)
7. Word structure (standard spelling, connotations, word histories)
8. Sentence combining
9. Writing process (prewriting, writing, revising, editing, publishing)
11. Types of writing (narrative, descriptive, expository, persuasive, newspaper, creative)
12. Research process (Internet and computer, parenthetical citation, MLA thesis style w/Works Cited, dictionary, thesaurus)
13. Collaborative writing
14. Use of imaginative, precise, and varied vocabulary in writing
15. Elements of literature with emphasis on social and historical significance
16. Literary devices in literature context
17. Poetry (narrative, lyrical, free verse)
18. Fiction (interaction of setting, character, plot, point of view, and theme in novels, stories, plays, epics, and myths)
19. Non-fiction (historical connection of biography and autobiography)
20. Use of multimedia, group collaboration, and presentation for reading and writing

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Grade Level Goals and Content

**GRADE: 8**

**SUBJECT: Math**

**GOALS:**

Students will:

1. review previous grade level concepts.
2. perform accurate computations, estimation, comparing, and ordering for rational numbers.
3. apply geometric and trigonometric formulas to problem solve three-dimensional shapes and right triangles.
4. incorporate the use of the calculator to solve problems.
5. solve single-step equations algebraically for rational numbers.
6. solve multi-step equations algebraically for the various number system.
7. use the appropriate tools to solve linear equations
8. apply consumer math to daily life situations.
9. apply grade level appropriate math skills to other subject area and life situations.

**CONTENT TOPICS:**

1. Review operations, estimations, order of operations, comparing, ordering, single-step equations for whole numbers, fractions, and decimals
2. Review customary and metric measurement
3. Review percent conversion forms and problem solving for percentage, rate, and base
4. Review positive exponents and scientific notation
5. Review area and perimeter
6. Operations, estimations, order of operations, comparing, and ordering rational numbers
7. Multiple-step equations with whole numbers, fractions, decimals, integers, and rational numbers
8. Consumer math
9. Surface area and volume for three-dimensional figures
10. Two variable linear equations with use of coordinate plane
11. Negative exponents
12. Similarity, Pythagorean formula, trigonometry

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**SUBJECT: Music**

**GOALS:** Through performance practices, grade level progression in basic elements, and fundamentals of music theory, students will develop and deepen their skills of musicianship with appreciation through historical and cultural contributions.

Students will:

1. prepare and participate in music liturgy and music of the Church for all school Mass and prayer services.
2. develop vocal and instrumental music skills and performance etiquette.
3. identify the elements of music.
4. research, identify, listen, and show appreciation for period styles and composers in music and culture.
5. perform recorder selections demonstrating dynamics.
6. perform selections from a particular musical selected for the junior high play.
7. sing in two-part or three-part harmony.

**CONTENT TOPICS:**

1. Catholic music liturgy and music of the Church
2. Vocal music literature of various styles and cultures
3. Rhythm, tempo, melody, harmony, media, expression
4. Student produced scores for vocal and instrumental music
5. Recorder and instruction book
6. Music in theater and character development
7. Script reading, stage direction, terminology of the theater
8. Archdiocesan student packets
9. Multimedia listening and visual examples of instrumental and vocal music

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**SUBJECT: Physical Education**

**GOALS:**

Students will:

1. apply knowledge, concepts, rules, and strategies through participation in developmental games and activities.
2. demonstrate locomotor, nonlocomotor, and balance skills through manipulative activities.
3. act in accordance with safety pertaining to self and others.
4. show an appreciation for personal health and fitness.
5. perform skills and show knowledge in a variety of sports and lifetime activities.
6. imitate positive sportsmanship and moral behavior through participation in all activities.

**CONTENT TOPICS:**

1. Motor skills, rules, and strategies of activities (lacrosse, field hockey, team handball)
2. Proper execution of throwing, catching, striking, kicking, bouncing, and jumping while using age-appropriate mechanics, force, and direction
3. Muscle strength, endurance, and flexibility
4. Functions of all bones and muscles
5. Heart rate and its relationship to exercise
6. definition of nutrition, malnutrition, nutrients, and fitness

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**SUBJECT: Religion**

**GOALS:**

Students will:

1. express a deeper knowledge of the gifts of understanding, right judgment, and wonder and awe in relation to the reception of the sacrament of Confirmation.
2. identify the basic doctrines of the Church.
3. participate in the rite of Confirmation.
4. recognize the role of God the Father, Jesus Christ the Son, and the Holy Spirit in the development of the Church.
5. appreciate and show respect for the various forms of prayer throughout the history of God's chosen people.
6. identify the major chronological events of the Church from the Apostolic Age through the present.

**CONTENT TOPICS:**

1. The gifts of understanding, right judgment, wonder and awe, and rite of Confirmation
2. Revelation of God
3. Jesus Christ, the Only Son of God
4. The Church
5. The Prayer of the People of God
6. Church History and history of the Archdiocese of St. Louis
7. Review of the liturgical year
8. God's Own Making/Right S.T.A.R.T.

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**SUBJECT: Science**

**GOALS:**

Students will:

1. demonstrate the use and understanding of the scientific method to solve problems in live organisms.
2. show an understanding of how individual actions have an impact on the current and future environment.
3. identify and use the classification system for life and recognize its characteristics.
4. know and observe safe lab skills where metric measurement, dissection kits, and microscopes are used to investigate life science.
5. demonstrate the ability to research life science topics through multiple sources and present with proper documentation.
6. understand the progression of the scientific knowledge of life from past to present and that it is and will always be changing.
7. demonstrate understanding of life science terminology and concepts.
8. gain an understanding of what role genetics plays in our past, present, and future.
9. recognize a balanced equation.

**CONTENT TOPICS:**

1. Correct use of microscopes, dissection tools, and other lab equipment.
2. Life characteristics
3. Single-cell organisms
4. Multi-cell organisms
5. Bacteria and viruses
6. Protists and fungi
7. Nonvascular plants
8. Vascular plants
9. Sponges, cnidarians, worms, mollusk
10. Anthropods, echinoderms
11. Fish, amphibians
12. Genetics, DNA, RNA

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**GRADE: 8**

**SUBJECT: Social Studies**

**GOALS:**

Students will:

1. analyze the cause-effect relationship of events in American history from the Civil War to the present.
2. identify the major elements of geography as they relate to the expansion of American influence in the world from the Civil War to the present.
3. show an appreciation for the role and impact of ethnic and minority groups on the growth of the United States from the Civil War to the present.
4. use and create maps, graphs, and charts relating to the chronology and themes of American history from the Civil War to the present.
5. analyze historical documents relating to the events of American history from the Civil War to the present.
6. use technology for research projects relating to topics of American history from the Civil War to the present.
7. use correct oral and written expression on class work, homework assignments, and projects relating to topics in American history from the Civil War to the present.

**CONTENT TOPICS:**

1. Civil War and Reconstruction
2. Settlement of the West 1860 - 1900
3. Rise of Big Business, Industry, and the Labor Movement
4. Immigration 1860 - present
5. American involvement and expansion in world affairs 1865 - 1914
6. Causes, events, and results of World War I
7. 1920s
8. Great Depression
9. Causes, events, and results of World War II
10. Process of note taking skills