

District 64 Mission

The mission of District 64, a vital partnership of staff, families and community, is to inspire all students to embrace learning, discover their strengths and achieve personal excellence in order to thrive in and contribute to a rapidly changing world by providing a rich, rigorous and innovative curriculum intergrating civil behavior and fostering resilience.



District 64 Middle Schools offer a rich exploratory program for students in addition to the core subjects taught at seventh and eighth grades. This pamphlet outlines the objectives taught in these courses. Students who choose to participate in Instrumental Music lessons receive instruction during the the regular school day as well as in an extended day setting. Students who choose to participate in the yearlong chorus program also do so in an extended day setting. Other extracurricular programs are offered for students at selected times during the school year.

If you have any questions, please contact the Department for Student Learning at 318-4304.

Dr. Laurie Heinz

Superintendent

Dr. Lori Hinton Lopez

Assistant Superintendent for Student Learning

Art

Crafts and Printmaking (7th & 8th Grade)

Students will be able to:

- Identify the unique characteristics of various crafts and printmaking techniques and the processes involved in their production
- Perceive how crafts play a role in our life and can be functional or decorative objects
- Identify how artists use the elements of design, media techniques and visual symbols to communicate their ideas or vision
- Demonstrate the importance of quality craftsmanship in the personal creation of a work of art
- Produce an edition of prints using a specific printmaking process
- Produce a work of art using one of a variety of media/techniques (millefiori, papermaking, resit dyeing, bookmaking, repoué, book-binding)
- Expand vocabulary for increased perception of and responses to crafts and printmaking processes
- Work within an artistic environment that promotes respect and responsibility and is supportive of others' ideas/expressions
- Recognize their own creative ability through the production of a work of art and the value of the finished product
- Be aware of the historical and cultural impact that various crafts and printmaking techniques have had on contemporary practices

Painting and Drawing (8th Grade)

Students will be able to:

- Identify how various artists have used the elements and principles of design, media, techniques and visual symbols to communicate their idea or vision
- Make aesthetic judgments for works of art using appropriate vocabulary related to technique and media
- Synthesize information, think critically and creatively to produce a work of art that has personal meaning and style
- Refine their observation skills and develop the ability to translate visual observations into visual imagery
- Demonstrate an understanding of the elements and principles of design as they apply to creating a strong composition
- Experience a variety of drawing and painting media and develop technical skills to allow personal, emotional, social and intellectual expression
- Expand their vocabulary for increased perception of, and responses to, painting and drawing techniques
- Work within an artistic environment that promotes respect and responsibility and is supportive of others' ideas/expression
- Be aware of the historical and cultural impact that drawing and painting have had and what contemporary artists are producing
- Recognize their own creative abilities through the production of a work of art and the value of the finished product

Sculpture & Ceramics (8th Grade)

Students will be able to:

- Develop an awareness of three dimensional form and the unique problems presented when creating a work of art in-the-round
- Understand and identify various works of sculpture and ceramic objects from different cultures and historic periods
- Recognize that there are similarities and differences between functional and decorative works of art
- Demonstrate additive and subtractive sculpting techniques
- Create ceramic objects using a variety of building techniques such as coil, pinch, slab, drape and mold
- Explore and use various ceramic finishing processes
- Demonstrate quality craftsmanship and the role it plays in the aesthetic appeal of a work of art
- Synthesize information and think critically and creatively to produce a work of art that has personal meaning and style
- Work within an artistic environment that promotes respect and responsibility and is supportive of others' ideas/expression
- Recognize their own creative ability through the production of a work of art and the value of the finished product
- Expand vocabulary for increased perception of and responses to sculpture and ceramics processes

Photography (8th Grade)

Students will be able to:

- Expand vocabulary for increased perception of and responses to the photographic process
- Become familiar with photography and its impact on cultures, the documentation of historical events and its contemporary applications
- Become familiar with tools and materials that are used in the production of black and white photography
- Synthesize information and think critically and creatively to produce a photograph
- Produce a portfolio of original photographs
- Combine ideas, feelings and values to communicate a personal visual statement
- Be able to identify and create a successful photograph giving consideration to composition, craftsmanship and quality presentation of their ideas and work
- Produce a visual image using alternative production techniques
- Work within an artistic environment that promotes respect and responsibility and is supportive of others' ideas/expression
- Recognize their own creative abilities through the production of a work of art and the value of the finished product

Foreign Language

French (7th & 8th Grade – 2 year program)

Students will be able to:

- Compare vocabulary with English cognates

- Memorize vocabulary meanings and spellings and utilize them correctly in the appropriate setting
- Demonstrate correct pronunciation of vocabulary words and phrases
- Form questions in the target language
- Respond appropriately both orally and in writing to questions using target vocabulary and grammar
- Translate from French to English and from English to French
- Express likes and dislikes
- Describe people and things using correct noun/adjective agreement
- Use negation in the target language
- Conjugate regular -ER, -IR, -RE and irregular verbs in the present and past tense
- Show relationships/ownership with possessive adjectives
- Compare and contrast in the target language
- Compare, contrast and appreciate cultural traditions of French speaking people throughout the world
- Compose and present short group skits utilizing vocabulary and grammar
- Demonstrate correct usage of familiar and formal language in given settings
- Form and use the near future tense in appropriate situations
- Form and use reflexive verbs in order to describe one's daily routine
- Apply contractions to words that merit their use
- Modify the partitive for use in specific situations

Spanish (7th & 8th Grade – 2 year program)

Students will be able to:

- Compare vocabulary with English cognates
- Memorize vocabulary meanings and spellings and utilize them correctly in the appropriate setting
- Demonstrate correct pronunciation of vocabulary words and phrases
- Respond appropriately both orally and in writing to questions using target vocabulary and grammar
- Translate from Spanish to English and from English to Spanish
- Explain food and activity preferences using the verb GUSTAR
- Describe people and things using correct noun/adjective agreement
- Conjugate regular -AR, -ER and -IR verbs in the present and preterite tense
- Compare conjugation of irregular verbs and regular verbs in both the present and preterite tenses
- Identify location using vocabulary and the verb ESTAR
- Show relationships/ownership with possessive adjectives
- Use direct object pronouns to refer to people and things and focus on the placement and agreement of them
- Determine the proximity of an object and describe it with demonstrative adjectives
- Use regular and irregular familiar commands

- Distinguish when to use the verb SER or ESTAR in a sentence
- Form the present participle and use the present progressive tense to express the idea of an action in progress
- Compare, contrast and appreciate cultural traditions of Spanish speaking people in other countries and in the United States
- Compose and present short group skits utilizing vocabulary and grammar

Family and Consumer Science

Foods (7th & 8th Grade)

Students will be able to:

- Define cooking terms, principles of food preparation and function of ingredients
- Evaluate nutritional content in food preparation and final product
- Identify and properly use kitchen appliances and equipment during cooking labs
- Utilize kitchen safety and sanitation principles
- Create a culminating project incorporating all skills learned: meal planning, meal preparation, presentation, etiquette, table manners, etc.

Sewing (7th & 8th Grade)

Students will be able to:

- Demonstrate correct measuring and construction techniques
- Demonstrate and practice hand and machine sewing skills using traditional and computerized equipment
- Exhibit proper use and care of sewing machine
- Analyze and identify fiber content, construction and finishes of fabric
- Select and use the appropriate sewing components (notions, fabric, pattern) necessary to complete sewing projects
- Understand sewing symbols and terms enabling students to follow directions to construct creative sewing projects

FACS for the Outdoors (7th & 8th Grade)

Students will be able to:

- Prepare nutrient-rich foods efficiently for wilderness/outdoor consumption
- Demonstrate use of appropriate equipment for outdoor food preparation
- Construct outdoor gear using sewing skills
- Demonstrate the skills to fulfill the basic needs of food, clothing, water and shelter in a wilderness survival situation
- Compare and contrast traditional American living skills to current day living skills through topics involving cooking, folklore and colonial crafts

Fun with FACS (7th & 8th Grade)

Students will be able to:

- Understand the principles of food science and how certain

ingredients/food agents effect the final food product

- Use appropriate food preparation methods and safety/sanitation guidelines
- Apply the principles and elements of design to create their own interior design plan
- Understand the power of marketing in consumer decision making
- Compare products and use a sound decision making process to select purchases and use resources wisely

Language Arts

In the 7th and 8th grade LA Electives, students will develop both research, speaking and listening skills.

Broadcasting (7th & 8th Grade)

Students will be able to:

- Collaborate with a team to create a broadcast production
- Introduce claims and distinguish them from alternate or opposing claims
- Support claims with logical reasoning and relevant evidence using accurate and credible sources
- Demonstrate an understanding of the topic by creating a cohesive organized argument and a concluding statement that supports this argument
- Come to class discussion prepared to be an active participant and follow rules for collegial discussion and decision-making
- Pose questions that connect the ideas of several speakers and respond to others' questions and comments with relevant evidence, observations, and ideas
- Through an individual or group presentation, present claims based on relevant evidence and valid reasoning
- Use appropriate eye contact, adequate volume and clear pronunciation
- Integrate multimedia and visual displays into presentations to clarify information, strengthen claims and evidence, and engage the audience

So the Story Goes (7th & 8th Grade)

Students will be able to:

- Explore and practice multiple forms of storytelling, both formal and informal, evaluate and select the best medium for telling a story
- Introduce claims and distinguish them from alternate or opposing claims
- Support claims with logical reasoning and relevant evidence using accurate and credible sources
- Demonstrate an understanding of the topic by creating a cohesive organized argument and a concluding statement that supports this argument
- Come to class discussion prepared to be an active participant and follow rules for collegial discussion and decision-making
- Pose questions that connect the ideas of several speakers and respond to others' questions and comments with relevant evidence, observations, and ideas

- Through an individual or group presentation, present claims based on relevant evidence and valid reasoning
- Use appropriate eye contact, adequate volume and clear pronunciation
- Integrate multimedia and visual displays into presentations to clarify information, strengthen claims and evidence, and engage the audience

Speak Up! (7th & 8th Grade)

Students will be able to:

- Practice speaking in a variety of formats, both formally and informally
- Introduce claims and distinguish them from alternate or opposing claims
- Support claims with logical reasoning and relevant evidence using accurate and credible sources
- Demonstrate an understanding of the topic by creating a cohesive organized argument and a concluding statement that supports the argument
- Come to class discussion prepared to be an active participant and follow rules for collegial discussion and decision-making
- Pose questions that connect the ideas of several speakers and respond to others' questions and comments with relevant evidence, observations, and ideas
- Through an individual or group presentation, present claims based on relevant evidence and valid reasoning
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- Integrate multimedia and visual displays into presentations to clarify information, strengthen claims and evidence, and engage the audience

Math

Strategy Games (7th & 8th Grade)

Students will be able to:

- Develop strategies to solve problems
- Recognize number patterns and pattern sequences
- Develop timing and dexterity skills
- Learn to visualize solutions to a problem
- Develop skills in critical thinking
- Develop ways to allow symbols to represent ideas or concepts
- Use multiple intelligences
- Understand the principles of cause and effect
- Develop estimation skills
- Learn to test hypotheses
- Learn to collect evidence to solve problems

Community
Consolidated
School District 64
Park Ridge–Niles
Illinois

LEARNER
OBJECTIVES

GRADES

7
&
8

electives

Puzzler's Paradise (7th & 8th Grade)

Students will be able to:

- Understand that there are multiple ways to solve a math problem
- Use a variety of mathematical problem solving strategies and explain them to others
- Understand how mathematical ideas are applied in the solution of puzzles and game

Music

Contemporary Composing (7th & 8th Grade)

Students will be able to:

- Recognize the major components of composing software
- Use the basic functions of the composing software
- Identify the hardware of the composing workstation
- Assemble the components of the workstation and demonstrate an understanding of their interaction
- Improvise using scale patterns
- Recognize and integrate compositional devices
- Create and apply original drum patterns
- Create and record original compositions

Electronic Keyboard (7th & 8th Grade)

Students will be able to:

- Demonstrate proper hand position and posture at the keyboard
- Demonstrate correct fingerings
- Demonstrate ability to control the major functions of the keyboard
- Identify the lines and spaces of the grand staff
- Use appropriate tonal registers when performing compositions
- Perform harmonies with fingered and automatic chords
- Perform chordal progressions using I, IV and V7 chords
- Perform simple keyboard compositions in a variety of styles
- Apply terms and symbols used in written music

Guitar (7th & 8th Grade)

Students will be able to:

- Demonstrate the correct hand position and body posture with the guitar
- Demonstrate correct finger usage
- Identify parts of the guitar using correct vocabulary
- Demonstrate an understanding of tuning the guitar
- Identify the lines and spaces of the treble staff
- Recognize chord symbol notation
- Recognize and perform common chords and progressions
- Perform a variety of strum patterns
- Perform melodies using proper rhythmic values
- Perform simple compositions in a variety of styles
- Apply terms and symbols used in written music

Music Theater Workshop (7th & 8th Grade)

Students will be able to:

- Communicate using gestures, movement and speech
- Project using a speaking/singing voice
- Use appropriate diction, inflection and expression
- Interpret the stylistic character of a song
- Develop a character using movement, language and voice
- Explain how costumes, scenery, props, and music establish mood and atmosphere
- Identify stage terminology
- Perform and interpret scripted dialog
- Identify the story of a Broadway musical
- Understand the history of American musical theater
- Create and perform scenes from a musical

Vocal Power (7th & 8th Grade)

Students will be able to:

- Demonstrate quality vocal production
- Discuss the vocal mechanism
- Identify voice classifications
- Sight read simple songs and exercises
- Sing in two and three part harmony
- Perform in a variety of styles
- Respond to the visual direction of a conductor
- Analyze the form of a piece of music
- Identify themes within a piece of music
- Apply appropriate terminology when describing a piece of music

Chorus (7th & 8th Grade)

Students will be able to:

- Demonstrate quality vocal production
- Identify voice classifications
- Read and perform songs and exercises with melodic and rhythmic accuracy
- Demonstrate appropriate use of expression, dynamics, phrasing and articulation
- Sing in two/three part harmony within a variety of textures
- Perform age-appropriate music, in a variety of musical styles
- Recognize and respond musically to the visual direction of the conductor

Instrumental Music (7th & 8th Grade)

Students will be able to:

- Describe the importance of a disciplined practice routine for musical success
- Read and perform music notation at an appropriate level
- Demonstrate proper care, maintenance and tuning of their instrument
- Demonstrate correct posture, body position, bowing, air stream and embouchure (lip formation) required to produce a quality tone
- Differentiate among loud, soft and changing dynamics and

use appropriate terminology to describe them

- Describe how conductors communicate musical ideas to performers
- Demonstrate proper rehearsal and performance etiquette
- Demonstrate mastery of major scales
- Describe sections of music as repeated or contrasting
- Describe the traditional function of their instrument in the band or orchestra
- Identify elements and expressive qualities of music
- Discriminate between melody and harmony and understand their role when performing

Science

Exploring the Physical World (7th & 8th Grade)

Students will be able to:

- Understand how technology can be used as a scientific tool to gather and analyze data as well as change and improve our surroundings
- Design, construct, program and operate a robot to perform specific tasks using the Lego Robolab
- Explain some basic principles of physics regarding energy, matter, waves, sound, light, magnetism, motion and force

Marine Biology (7th & 8th Grade)

Students will be able to:

- State the differences between the three categories of fish: bony, cartilaginous and jawless
- Identify major characteristics, behaviors and types of sharks and the common myths associated with sharks
- Investigate the four ocean zones, their inhabitants and the factors that make them different
- Experience the marine life in each ocean zone during a field trip to the Shedd Aquarium
- Explore how marine animals adapt to their environment
- Use dissection as a means to investigate physical adaptations of an organism
- Make educated hypotheses about an animal's behavior and lifestyle based on physical characteristics

Social Studies

It's Debatable (7th & 8th Grade)

Students will be able to:

- Identify different debate formats and demonstrate an understanding of what type of information is required for each
- Define an issue (political, environmental, social, economic, etc.) and develop a viewpoint after examining the multiple sides of the issue
- Conduct research to develop factual support for a particular viewpoint
- Prepare succinct persuasive oral and written arguments
- Actively listen to opposing viewpoints and provide respectful counterpoints

Show Me the Money (7th & 8th Grade)

Students will be able to:

- Demonstrate their understanding of currency, both globally and nationally
- Demonstrate a basic understanding of the stock market and banking system
- Recognize their place in the world as lifelong consumers
- Create a realistic budget and balance a checkbook
- Use computer resources to study consumer issues
- Explain the role of credit and debit cards in our economy
- Understand that education and training are key factors in career choices and financial well-being

Technology

Multimedia Magic (7th & 8th Grade)

Students will be able to:

- Publish their own digital movie on a teacher-approved topic
- Acquire the editing skills needed to publish a digital movie
- Reflect upon the process used to conceive, plan, schedule, shoot, and edit a short digital movie created for a specific purpose and a target audience
- Consider the legal and ethical responsibilities of the "movie producer" in the selection and use of specific content
- Work in a team to collaborate on all aspects of the movie production

Web Page Wonders (7th & 8th Grade)

Students will be able to:

- Publish their own web site on a teacher-approved topic
- Acquire the skills needed to create a multipage, dynamic web site
- Reflect upon the process used to plan, design, and publish a web site created for a specific purpose and a target audience
- Consider the legal and ethical responsibilities of the web page designer in the selection and use of specific content for web page publishing
- Support each other in the acquisition of web design skills