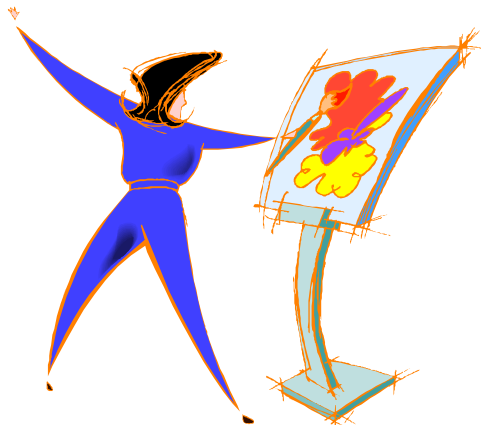


Fine Arts

- Art** The Eighth Grade Visual Arts Curriculum focuses on a refinement of art disciplines and explores the creation of time arts. It emphasizes the function of art history and its impact on everyday life, past and present.
- Dance** The Eighth Grade Dance Curriculum focuses on more complex movement skills with attention on cooperation, collaboration, creation and appreciation of dance as an art form.
- Drama** The Eighth Grade Drama Curriculum continues to integrate the various art forms within the dramatic arts through acting, scripting, directing and producing dramatizations. The social and cultural impact of theater and related media are emphasized.
- Music** The Eighth Grade Music Curriculum emphasizes the role of the composer and the impact of music in their lives.

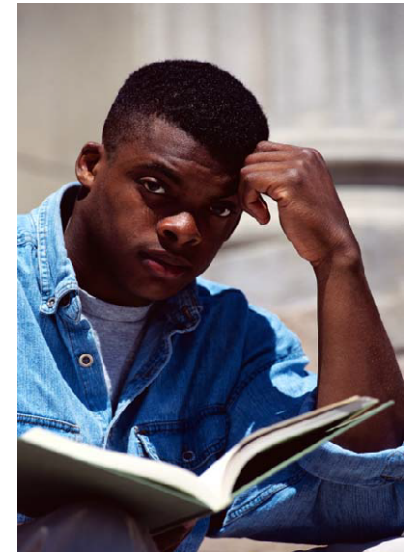
- ~ Compare, connect and integrate art forms
- ~ Identify and use appropriate vocabulary in all four fine arts areas
- ~ Create and perform age-appropriate material in all four fine arts areas
- ~ Analyze the contributions of the various art forms within other works
- ~ Expand and utilize skills developed in each of the four fine arts areas
- ~ Understand and demonstrate "theme and variation" in each of the four fine arts areas
- ~ Improvise works in each of the four fine arts areas
- ~ Describe the creation processes utilized by an artist in each of the four fine arts areas



Joliet Public Schools District 86

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Eighth Grade Curriculum



Socialization again becomes key to the student at this stage of development. They may begin to socialize in group settings and may begin to "date" in groups. Independence continues to be asserted, and a child at this stage may not want to attend family functions. They may tend to spend more time alone than with family members and may feel unsure and awkward in social situations outside of their peer group. At the same time, their vocabularies are becoming more complex and their ability to engage in abstract thinking and cognitive problem solving is increasing. They may consider and discuss various vocational interests then quickly discard them.

Language Arts

The Eighth Grade Language Arts Curriculum focuses on analysis and interpretation of complex narrative and expository texts. The development used in literary works and/or content areas is emphasized. Writing focuses on organization, support, elaboration and integration of ideas and concepts. Research and information problem-solving is an application of all the language arts skills.

- ~ Apply knowledge of word origins, roots, affixes, and derivations to comprehend words in specific content areas
- ~ Define and analyze words in context and through analogies
- ~ Infer literal and figurative meanings of words
- ~ Identify and use the organizational structure of text
- ~ Select, create, and use graphic organizers to interpret textual information and organize writing
- ~ Analyze theme, character, plot and setting in literary works
- ~ Evaluate plot structure and how conflicts are addressed and resolved
- ~ Identify and use significant literary techniques to interpret literary works
- ~ Apply reading comprehension strategies to interpret information and ideas, and construct meaning
- ~ Create narrative, expository, persuasive and creative compositions with varied sentence structures, effective coordination and subordination of ideas and varied transitions
- ~ Investigate and compile information from a variety of primary and secondary sources and cite properly
- ~ Write research reports about important issues and/or ideas



Math

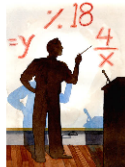
The Eighth Grade Mathematics Program emphasizes the application of properties (number and operations), scientific notation, measurement usage, and the concept of pi and the Pythagorean Theorem.

- ~ Represent fractions, decimals, percentages, exponents, integers and scientific notation in equivalent forms
- ~ Solve practical computation problems
- ~ Select computational procedures and solve complex multi-step problems
- ~ Apply concepts and attributes of length, capacity, weight/mass, perimeter, area, volume, time, temperature and angle measurement
- ~ Solve problems using linear expressions
- ~ Use algebraic concepts and procedures to represent and solve problems
- ~ Identify and compare two and three dimensional figures
- ~ Collect, display and interpret data
- ~ Compute probability for expressions

PRE-ALGEBRA

In addition to the above, the Eighth Grade Pre-Algebra Program emphasizes algebra concepts.

- ~ Solve practical computation problems involving whole numbers, integers and rational numbers
- ~ Solve complex multi-step problems
- ~ Compute probability for one and two stage expressions
- ~ Apply concepts and attributes of length, capacity, weight/mass, perimeter, area, volume, time, temperature, and angle measurement
- ~ Solve problems using linear expressions, equations and inequalities
- ~ Predict and analyze outcomes



Science

Through the study of chemistry, physics, and the environment, students will recognize and investigate problems by working in teams to develop scientific solutions. Students will analyze the effects of technology on our environment.

- ~ Explore energy, machines and motion through investigations on the following: batteries, simple machines, motors, mousetrap cars, fan cars and rollercoasters. Use the data to develop a working technological design to meet the needs of a special job
- ~ Understand the technology and effects of household chemicals and plastics on our environment
- ~ Through experimentation and analysis, develop a foundation of basic chemistry and its relationship to the world we live



Social Science

The Eighth Grade Social Science Program emphasizes United States History from Post-Reconstruction to the present. Vocational Education, U.S. Geography, and the U.S. Constitution are also highlighted. All students will pass a test on the Constitution of the United States prior to graduation.

- ~ Illustrate how the United States Constitution functions as the supreme law of the land
- ~ Analyze historical influences on the development of political ideas and practices as exemplified in the Declaration of Independence, United States Constitution and the Bill of Rights
- ~ Analyze and evaluate the roles of elected and appointed officials, individuals, and groups in shaping foreign policy
- ~ Explain the impact of increasing/declining imports and exports on individuals and the nation's economy
- ~ Identify and explain the impact of laws and government policies (property rights, contract enforcement, standard weights and measures) on a market economy
- ~ Differentiate between historical events and eras using historical maps and other historical sources
- ~ Identify incidents throughout history that may have contributed to the beginnings of the Holocaust and evaluate the roles and influences of the world powers in the Holocaust
- ~ Analyze industrialization's impact on the environment and geography's impact on culture
- ~ Evaluate the impact of technology in the United States as it applies to geography
- ~ Examine the positive and negative impacts of organized political groups
- ~ Assess the impact of cultural differences on international conflicts and the role of a shared world culture in finding solutions



Physical Education

The Eighth Grade Physical Education Curriculum provides opportunities for higher levels of competency in complex movement patterns.

- ~ Execute more advanced movement patterns with control
- ~ Adapt and combine skills into increasingly complex situations
- ~ Adjust movement in relation to space, objects and other people, for a specific purpose while performing more complex activities
- ~ Process information from a variety of sources to improve performance
- ~ Detect, analyze and correct errors in efficient and inefficient movement patterns
- ~ Identify and apply more complex offensive and defensive strategies in individual and team sports
- ~ Use specific rules, procedures and etiquette while participating in activities and sports
- ~ Identify and participate in activities associated with the components of health related fitness



Eighth grade health students apply critical thinking skills to analyze health behaviors and information to achieve and maintain personal health and well-being in the present and future.

- ~ Analyze risks for contracting specific diseases based on pathogenic, genetic, age, cultural, environmental and behavioral factors
- ~ Identify and describe types of eating disorders
- ~ Understand and recognize fraud
- ~ Identify organizations that are reliable sources of information
- ~ Analyze the relationship between global warming and health
- ~ Distinguish risk factors associated with communicable and non-communicable diseases
- ~ Understand life saving techniques
- ~ Describe characteristics that contribute to family health
- ~ Name regulatory agencies that protect the environment

HEALTH

