

HEALTH

The health course seeks to motivate students to take an active role in maintaining and improving their health. The main purpose of this course is to assist young people in developing those concepts and skills that foster individual health and well-being. These goals will be accomplished by covering the following content areas: mental health, body systems, consumer awareness, nutrition, physical fitness, first aid/safety, disease prevention, medicines.

TECHNOLOGY

Technology skills and tools are integrated throughout the Junior High curriculum. Eighth grade students are expected to demonstrate certain skills independently, as well as improve their keyboarding skills. Additionally, PowerPoint is introduced, with the expectation that students will be able to produce a slide show.

ART

Art appreciation; Media exploration
Art projects to reinforce skill areas in:
Math: geometric concepts and construction patterns relating to probability, proportion and measurement
Science: gathering and organizing information, extrapolating/inferred information, predicting
English: using right/left brain switching to understand the structure of language

RELIGION

- to understand the nature and mission of the Church and the basic responsibilities of its members to participate in that mission
- to appreciate the gift of faith and membership in the Church as a privileged vocation
- to acquire an understanding of the nature of morality, its foundation and how faith gives it a new dimension
- to give students a deeper understanding of the basic truths of our faith as outlined in the Apostles' Creed
- Present the Living Stations of the Cross during Holy Week
- To understand the relationship between the basic doctrines of our faith and our daily lives

MUSIC

- music history Middle Ages through the Present
- unison and choral arrangements
- movement
- music theory
- forms of music



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INFANT JESUS OF PRAGUE SCHOOL

EIGHTH GRADE CURRICULUM

This curriculum guide presents a brief overview of this year's studies. It summarizes the key topics taught in each curriculum area. The topics and skills stated are emphasized at this grade level. Infant Jesus of Prague School endeavors to treat each student as a unique individual who develops at his or her own pace. Some students enter a grade without having mastered all academic skills. These students may need review and remedial assistance before mastering the skills taught at this grade level. Other students may need opportunities to reinforce and expand their understanding and mastery of the curriculum. Infant Jesus of Prague School strives to meet the academic needs of all students.

Your comments and inquiries are welcome.

Infant Jesus of Prague Faculty

LANGUAGE ARTS

Language arts is an integrated curriculum in which the disciplines of reading and English are taught. Comprehension is developed through the use of literature books, basic texts and novels.

Active reading strategies taught are:

- questioning
- predicting
- inferring
- summarizing
- visualizing
- clarifying

Vocabulary decoding skills and structural analysis are continued.

The note taking process is expanded and its continued usage stressed.

Critical thinking skills are emphasized.

The basic text and supplemental materials are used to develop a more thorough understanding of the English language. The curriculum includes:

- parts of speech
- word usage
- grammar skills
- mechanics of writing
- various modes of writing will be expanded
- MLA research writing style
- diagramming
- writing fluency

SOCIAL STUDIES

A survey course in United States History and units on the United States and Illinois Constitutions and Flag Code: "...the Constitution of the United States of America and the Constitution of the State of Illinois, and the proper use and display of the American Flag, shall be taught in all public schools and other educational institutions supported by public funds. No student shall receive a certification of graduation without passing an examination upon such subjects."

Illinois School Code 3-27

MATH

Pre Algebra and Algebra

- using calculators and computers
- number theory
- operations and decimals and equations
- ratios and proportion and percents
- integers and expressions
- measurement
- probability and statistics
- operations with rational numbers
- inequalities, powers and polynomials
- factoring and applications thereof
- functions and graphs
- lines and slopes
- systems of open sentences
- radical expressions and quadratics
- geometric concepts and trigonometry
- radical expressions and their applications
- Algebra in Geometry and measurement
- writing in Math
- application and problem solving involving Algebra

SCIENCE

The science program integrates the various disciplines of science with emphasis on learning process skills through experimentation.

Scientific Concepts:

- nature of science
- structure of the atom
- chemical and physical changes
- solutions
- chemical reactions
- chemical equations
- cells, heredity and DNA
- ecology and the study of water and the environment
- plant processes and the foundations of life
- metric system
- science and technology

Processing and problem solving skills:

- identifying, classifying and sequencing
- using the metric system
- organizing data by graphing, charting, and mapping
- using the scientific method to hypothesize, interpret and predict outcomes
- using technology to solve scientific problems
- using technology to gather data

PHYSICAL EDUCATION

- manipulative activities
- movement skills
- sports activities
- intramural activities
- social and emotional development