

Curriculum Summary

Middle School



Note: SMART Board learning technology, Chromebooks, and Tablets are integrated into daily curriculum for each subject area.

Computers (6th – 8th Grades)

JFK emails have been given to each child 5th-8th grade.

What Your Child Will Learn

- Proper typing techniques are taught through Typing Club
- Students are learning how to properly use:
 - Email
 - Google Drive
 - Google Classroom
 - Google Docs
 - Google Slides
 - Google Forms
 - Google Sheets
 - Google Sites

English

The sixth, seventh, and eighth grade students will expand their grammar and writing skills as they strive towards understanding of the writing process. In addition, the students will continue to develop their skills in revising and editing their work.

Classroom Textbooks & Materials

- Loyola Press Voyages in English Grammar and Writing Textbook 6
- Loyola Press Voyages in English Grammar and Writing Textbook 7
- Loyola Press Voyages in English Grammar and Writing Textbook 8
- Composition Notebook for Grammar
- Composition Notebook for Writing
- Composition Notebook for Revising & Editing Skills

What Your Child Will Learn

6th Grade English

- The eight parts of speech
- Diagramming sentences using all eight parts of speech
- Punctuation & Capitalization



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- Sentences-simple, compound, complex
- Five paragraph essay format and thesis statement
- SEE Method of writing body paragraphs
- Types of essays-personal narratives; how-to articles; descriptions; business letters; persuasive writing; expository writing; & creative writing
- Use of the Criterion Writing site-criterion.ets.org

7th & 8th Grade English

- Verbals - participles, gerunds, infinitives
- Diagramming sentences through verbals
- Punctuation & Capitalization
- Sentences-simple, compound, complex
- Research Reports in conjunction with science projects
- Recognizing citing sources in research using the Noodle Tools site
- Essay writing on the Criterion Writing site-criterion.ets.org
- Essay Writing-personal narratives; business letters; descriptions; fantasy fiction; book reviews; expository essays; persuasive essays

Gym (6th – 8th Grades)

Students in grades 6, 7, and 8 will recognize the importance of participating in physical activities as part of developing a healthy lifestyle.

What Students Will Learn

- Rules to various sports and games
- The importance of participating in physical activities
- Acceptance and respect of students of all ability levels
- Health benefits of physical activity

Math

Sixth, seventh, and eighth graders will expand upon their mathematical skills as they work towards understanding new algebraic concepts. In addition, they will continue to develop their problem-solving skills.

Classroom Textbooks & Materials

- Sadlier-Oxford Progress in Mathematics (6th)
- Sadlier-Oxford Fundamentals of Algebra (7th)
- Sadlier-Oxford Algebra 1 (8th)
- Corresponding workbooks
- Notebooks, supplemental worksheets, manipulatives



What Your Child Will Learn

6th Grade Math

- Number Sense
- Multiplication and Division with Decimals
- Expressions and Equations
- Integers
- Number Theory
- Fractions
- STEAM Project: *Run a Food Truck*

7th Grade Math

- Integers
- Expressions and Equations
- Inequalities
- Rational Numbers (Decimals and Fractions)
- Ratio and Proportion
- Percents
- Two-Dimensional Geometry
- STEAM Project: *Build a Tiny House*

8th Grade Math

- Basic concepts of Algebra
- Linear equations and Inequalities
- Relations and Functions
- Linear Functions, Linear Equations, and Inequalities
- Polynomials
- Radical Expressions and Equations
- Quadratic Functions and Equations
- STEAM Project: *Create a City Block*

Extracurricular Activities

- MATHCOUNTS® (National Competition Series)
- Math Club

Reading

6th, 7th, and 8th grade students will learn to read closely to determine what the text says explicitly and to make logical inferences from the text.

Classroom Textbooks & Materials

- Short stories
- Nonfiction articles
- Novels
- Interactive notebooks

What Your Child Will Learn

- Cite text evidence to support analysis of explicitly stated as well as a generalization drawn from the text.
- Determine a theme or central idea of a text
- Identify how a plot unfolds- inciting incident, exposition, rising action, climax, falling action, and resolution
- Determine the author's purpose for writing and point of view
- Evaluate a text for facts or opinions
- Understanding the author's language: figurative and connotative meaning
- Interpret figurative language: simile, metaphor, personification, hyperbole.
- Identifying the tone, the author uses
- Compare and contrast different genres
- Analyze how a certain sentence, paragraph, or section fits into the overall structure of a text

Extracurricular Activities

- Forensics Competition- Students learn and practice a speech to inform or persuade an audience.

Religion

6th Grade Religion

Sixth grade studies the Old Testament:

- Creation
- Abraham and his descendants
- Joseph and the exodus from Egypt
- Moses and the Ten Commandments
- Judges
- Kings - Saul, David, Solomon



- Psalms
- Ruth and Naomi
- The Prophets

7th Grade Religion

- Seventh grade learns about the books of the Bible.
- They concentrate on the life of Jesus and His ministry.
- The students also study the life of St Paul.

8th Grade Religion

- 8th grade students prepare for Confirmation.
- The students study the gifts of the Holy Spirit.
- The students study the books of the Bible both Old and New Testament.
- The students write a saint report on the saint they are choosing for their Confirmation name.
- They write the Bishop a letter explaining why they want to be confirmed.

Science

6th Grade Science

In 6th grade we will be study earth and space science. Some of our topics of study will be geology, plate tectonics and astronomy.

Classroom Textbooks & Materials

6th Grade Earth Science Prentice Hall

Goals

- Learn the scientific method.
- Learn the proper procedure for conducting an experiment.
- Learn our earth is changing and how that change affects us.
- Learn place of our planet in the universe.

Projects

6th grade--Volcanoes and egg drop. The egg drop is to teach the Laws of Motion.

7th Grade Science

In 7th grade will be studying biology. We will study organisms from the microscopic size to multicellular level. We will study cells and how they function in relation to the whole organism. We will also study all 5 Kingdoms- Monera, Protista, Fungi, Plant and, Animal



Classroom Textbooks & Materials
7th Grade Life Science Prentice Hall

Goals

- Learn the characteristics of a living organism.
- Learn the cell parts and their function.
- Learn characteristics of all 5 kingdoms.
- Learn how to do a research paper.
- Learn the proper procedures for completing science project.

Projects

7th & 8th grade -- Pennsylvania Junior Academy of Science

- Students present their experiment to a panel of judges.
- The regional meeting is at California University of PA

8th Grade Science

In 8th grade we will be studying both chemistry and physics. We will learn about atoms and their parts, how to use the periodic chart, how to calculate formulas and balance chemical equations. We will energy and the laws of motion.

Classroom Textbooks & Materials
8th Grade Physical Science Prentice Hall

Goals

- Learn the atomic theory.
- Learn the meaning of the numbers in the periodic chart.
- Learn how to use the numbers on the periodic chart to calculate formulas.
- Learn how to balance chemical equations.
- Complete both a research paper and science project.

Projects

7th & 8th grade -- Pennsylvania Junior Academy of Science

- Students present their experiment to a panel of judges.
- The regional meeting is at California University of PA
- The state meet is at Penn State University

Social Studies

6th Grade Social Studies



Sixth graders will develop geography skills using technology integration in relation to different countries studied around the world.

Classroom Textbooks & Materials

- Pearson World Geography *myWorld Interactive* by Gregory H. Chu and Don Holtgrieve
- Google Classroom
 - Google Docs, Sheets, Slides, and Drive
- My World Interactive Online
- Google Expeditions
- Nearpod
- Bounce Pages
- Supplemental Materials

What Your Child Will Learn

- 5 themes of geography
- World Atlas: regions and physical maps
- Geography of the World
- Studying of Countries with the following details:
 - Climates and ecosystems
 - People and the environment
 - Economy and education
 - Trade and development
 - Government and citizenship
 - History basics

Projects

- 5 Themes of Geography Project
 - Brochure of A Country Project
 - Model United Nations Project
 - Our World Around Us Project
- **Subject to change

7th Grade Social Studies

Seventh grade students will be studying the history of the United States of America through technology integration that will enhance their learning experience.

Classroom Textbooks & Materials

- Holt McDougal *United States History: Beginnings to 1914*
- Google Classroom
 - Google Docs, Sheets, Slides, and Drive



- Google Expeditions
- Nearpod
- Supplemental Materials

What Your Child Will Learn

- United States History from
 - Early Settlers in America up to the beginning of the Civil War

Projects

- Native American Homes Project
 - American Revolution Project
 - Jacksonian Era Project
 - Civil War Menu Project
- **Subject to change

8th Grade Social Studies

Eighth grade students will be studying the history of the United States of America through technology integration that will enhance their learning experience.

Classroom Textbooks & Materials

- Holt McDougal *United States History: Civil War to Present*
- Google Classroom
 - Google Docs, Sheets, Slides, and Drive
- Google Expeditions
- Nearpod
- Supplemental Materials

What Your Child Will Learn

- United States History from
 - The Civil War to Present Day

Projects

- Progressive Era Movie Project
 - 1920's Jazz Assignment
 - Vietnam and the 70's Create Project
 - Wax Museum Project
 - Current Events Project
- **Subject to change

