



**IVY CLASSICAL
ACADEMY**

JUNIOR YEAR CURRICULUM

IN JUNIOR YEAR MORAL PHILOSOPHY our students will:

- explore some of the most fundamental philosophical questions
- read and discuss Aristotle’s Nicomachean Ethics and how it applies to living a good life
- examine major themes in Aristotle’s Politics such as how politics differs from economics
- read primary sources from Machiavelli, Hobbes, Locke, Rousseau, Kant, Hegel, and Marx

IN JUNIOR YEAR AMERICAN LITERATURE our students will read and discuss:

- study the major events of American history from 1607–present
- read and discuss primary sources such as speeches by Washington, Lincoln, Reagan, et al.
- understand the American government as laid out in the U.S. Constitution
- identify the major events, people, documents, and periods of American history

IN JUNIOR YEAR AMERICAN HISTORY our students will:

- study the major events of American history from 1607–present
- read and discuss primary sources such as speeches by Washington, Lincoln, Reagan, et al.
- understand the American government as laid out in the U.S. Constitution
- identify the major events, people, documents, and periods of American history

IN JUNIOR YEAR FOREIGN LANGUAGE our students will:

- choose to study either French or Spanish at beginner or intermediate level
- learn proper pronunciation and accent of vowel and consonant sounds
- build a vocabulary of everyday words and conversational phrases
- study past and present tenses and translate simple stories into English

IN JUNIOR YEAR TRIGONOMETRY & PRE-CALCULUS our students will:

- graph equations in two variables
- write linear, quadratic, polynomial, rational and composite functions
- use sine, cosine, tangent, cotangent, secant, and cosecant
- find numerical values of angles using trigonometric ratios

IN JUNIOR YEAR PHYSICS our students will study:

- one and two-dimensional motion including vector operators and projectile motion forces and the laws of motion including applications of Newton’s Laws momentum and impulse, tangential and centripetal acceleration, vibrations and wave sound, light, electrostatics, electric circuits, and magnetism

Dr. David Withun
Head of School

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IN JUNIOR YEAR
our students read:

The Scarlet Letter
Moby Dick

The Adventures of Huckleberry Finn
U.S. Constitution

Nicomachean Ethics and Politics
The Prince

Selections from The Leviathan
Two Treatises of Government

Discourse on Inequality
The Communist Manifesto

IN JUNIOR YEAR

students will write about & discuss:

The Good Life

Conformity and Difference

Government and Society

Citizenship

Law and Justice

Wrong and Right

Good and Evil

Equality and Inequality

Liberty and Tyranny