



CHESTERTON ACADEMY

CHESTERTON ACADEMY AT A GLANCE

The result of a grass-roots movement of parents, Chesterton Academy is a pro-family, independent high school offering an integrated, college preparatory curriculum centered on the Incarnation of Jesus Christ.

Focusing on the classics, the school develops complete thinkers who learn to draw on faith and reason for the purpose of building a culture of life.

Chesterton Academy Offers

- | | |
|---|---|
| <ul style="list-style-type: none"> • Well-defined integrated core curriculum with classical emphasis • Catholic-centered teaching • Emphasis on general knowledge, not specialization • Training culture warriors – defending the Faith and the family and actively engaging the culture of death | <ul style="list-style-type: none"> • Academically rigorous, with a mixture of Socratic Method and Lecture format • Regular and committed involvement in pro-life activities and strong ties to established pro-life organizations • Daily Mass held at Church of the Holy Family located in St. Louis Park • Affordable tuition |
|---|---|

Our Purpose

The purpose of Chesterton Academy is to nurture the minds and the souls of our children through an integrated education.

We believe that all truths are related to the central truth of the Incarnation, Crucifixion, and Resurrection of Jesus Christ.

Faith and reason do not contradict one another, nor are they to be segregated from one another.

Through the study of art, music, literature, language, history, mathematics, science, philosophy and religion, we want to prepare our children to think both rationally and creatively, to defend their faith, to contribute positively to society, and to promote a culture of life.

We are called as faithful Christians, to build a Culture of Life which means going against modern trends and fashions in almost everything, especially in our approach to learning. As G.K. Chesterton said, “A dead thing goes with the stream; only a living thing can go against it.”

G.K. Chesterton represents the ideal of a complete thinker but also of a modern cultural warrior. At the beginning of the 20th century, he foresaw and addressed many of the destructive trends that have continued into the 21st century. As a recognized defender of the faith, a literary genius, and a stellar example of Christian charity, Chesterton is a perfect model on which to develop an integrated education.

We are preparing our children for both temporal life and eternal life: to be good citizens and to be saints.



CHESTERTON ACADEMY

**CURRICULUM OVERVIEW
2011-2012 Academic Year**

THE HUMANITIES				THE ARTS			
	THEOLOGY	PHILOSOPHY	HISTORY	LITERATURE*	ART	MUSIC	RHETORIC/DRAMA
9th	Old Testament	Pre-Socratics Intro to Plato Intro to Aristotle Grammar Formal Logic Rhetoric	Mesopotamia Egypt Palestine Greece Early Rome	Homer: <i>Iliad</i> Homer: <i>Odyssey</i> Sophocles: <i>Antigone</i> Virgil: <i>Aeneid</i> GKC: <i>Orthodoxy</i>	Art of Ancient Civiliz. Egyptian Greek Etruscan & Roman Studio: Calligraphy Drawing	Choir Theory Ear Training Sight Reading	Principles of rhetoric Poetry memorization Basic argumentation
10th	New Testament	Plato: <i>Gorgias</i> Euthyphro <i>Apology</i> <i>Crito</i> Phaedo Republic Aristotle: <i>Nichomachean Ethics</i>	Late Rome Early Church History Early Medieval Byzantium Rise of Islam Holy Roman Empire Crusades GKC: <i>St. Francis of Assisi</i>	Augustine: <i>Confessions</i> Arthurian Literature GKC: <i>Ballad of the White Horse</i> Chaucer: <i>Canterbury Tales</i> <i>Song of Roland</i>	Late Roman Early Christian Byzantine Architecture & Icons Book of Kells Romanesque Early Gothic Studio: Pastels Color Drawing	Choir Music Theory Liturgical Music Analysis: Gregorian Chant Monophonic Homophonic Early Polyphonic	Formal debate (1 semester) Public discourse Acting (1 semester) Basic Acting Character Portrayal Writing and performance of short scenes
11th	Catechism of the Catholic Church	Aristotle: <i>Metaphysics</i> Scholastic Philosophy Thomas Aquinas: <i>Summa Theologiae</i> Early Modern Philosophy Descartes & Kant GKC: <i>St. Thomas Aquinas</i>	High Middle Ages Renaissance Reformation Counter-Reformation	Dante: <i>Inferno</i> <i>Purgatory</i> <i>Paradise</i> Bolt: <i>A Man for All Seasons</i> Shakespeare: <i>Hamlet</i> <i>Romeo & Juliet</i> GKC: <i>Lepanto</i> Cervantes: <i>Don Quixote</i>	Late Gothic Renaissance Baroque Studio: Intro to Oils Sculpture	Choir Basic Composition Dictation Analysis: Medieval & Motets Renaissance Polyphony Baroque	Acting continues Full length play
12th	Apologetics <i>Gaudium et Spes</i> Leo XII: <i>Rerum Novarum</i> Benedict XVI: Regensburg Lecture Newman: <i>Grammar of Assent</i>	Philosophy/Economics Hobbes: <i>Leviathan</i> Rousseau: <i>Social Contract</i> Locke: <i>Second Treatise</i> Declaration of Independence U.S. Constitution Adam Smith: <i>Wealth of Nations</i> Karl Marx: <i>Das Kapital</i> GKC: <i>Outline of Sanity</i> Belloc: <i>The Servile State</i>	American Revolution Founding Fathers French Revolution Industrial Revolution American Civil War Communist Revolution World Wars I & II Vatican II Sexual Revolution Modern Culture Wars	Washington: <i>Up From Slavery</i> Austen: <i>Pride and Prejudice</i> Dickens: <i>A Tale of Two Cities</i> Longfellow: <i>Song of Hiawatha</i> Twain: <i>Huckleberry Finn</i> Dostoyevsky: <i>Brothers K.</i> English and American Poetry GKC: <i>The Man Who Was Thursday</i> <i>Father Brown Stories</i> <i>Napoleon of Notting Hill</i> GKC: <i>The Everlasting Man</i>	Classical Romantic Impressionist Modern Post Modern Popular Art Studio: Oil Painting Watercolors	Choir Composition Analysis: Viennese (Classical) Romantic Impressionist Modern Folk & Popular Music	Shakespeare plays Playwriting

* Summer reading is required.

Bolded items are the "Chesterton Capstones" for the years' study.

www.chestertonacademy.org

8/16/2011



CHESTERTON ACADEMY

**CURRICULUM OVERVIEW
2011-2012 Academic Year**

MATH AND SCIENCE		FOREIGN LANGUAGE
MATH	SCIENCE	SPANISH/LATIN
9th GEOMETRY Euclid: <i>The Elements</i> Proofs: axioms, theorems, etc. Plane geometry: lines, parallel, angles, triangles, perimeter, area Solid geometry: 3-space, volume, objects of rotation Topology, fractals, higher dimension *Algebra I will be available to students who have not completed the course previously.	ASTRONOMY Basic heavenly motion, constellations, planets, sun and solar features, moon and lunar features, stars Ptolemaic and Copernican systems, Kepler's laws of planetary motion Celestial objects (nova, quasars, pulsars, nebula etc.) Celestial physics (stellar spectrometry, parallax etc.) Celestial navigation, basic optics Newton: <i>Principia</i> Galileo and the Church GEOLOGY Physical structure of the earth - history Rocks and minerals, mineral groups, plate techtonics. Oceans and oceanography, atmosphere, Gravitational mechanics Practical geology (mapping, cataloging specimens etc.)	LATIN I Basic Grammar
10th TRIGONOMETRY The unit circle Sine and cosine Properties, other functions ADVANCED ALGEBRA Solving more complex equations: quadratics, cubics, polynomials Vectors: operations, dot & cross products; 2,3, higher dimensions Complex numbers	BIOLOGY Cells (organization, division, mitosis, meiosis etc.) Basic chemistry of cells, carbohydrates, proteins etc. The plant kingdom Genetics and heredity, DNA, RNA etc. Microorganisms (bacteria viruses, fungi and protists) Human anatomy and physiology Darwin's theory of evolution and the teachings of the Catholic Church The soul as the principle of life and the philosophia perennis	Students choose whether to continue with Latin for the next two years or take Spanish for the next two years. Latin and Spanish in Senior year are offered as electives.
11th CALCULUS I Limits Differential Calculus	CHEMISTRY Atomic theory The elements: metals, semi-metals, non-metals, gases Reactions Inorganic Organic Biochemistry	Spanish or Latin
12th CALCULUS II Infinite Integral Calculus Series, convergence, asymptotes <i>or</i> STATISTICS / PROBABILITY Collection, organization, and interpretation of data Null hypothesis, error, intervals, data mining	PHYSICS Motion; tie in to calculus Mechanics Wave mechanics; sound; light (lenses, mirrors, spectra) Electricity and magnetism Thermodynamics (entropy) The atom Subatomic particles Decay, Fission, Fusion	Electives: Advanced Latin or Advanced Spanish Literature, Translation