



CALVERT
EDUCATION

MIDDLE SCHOOL
Course Catalog

Grade 6

An emphasis on independent learning

Math

Students draw on problem-solving skills and prior knowledge to develop an understanding of ratios and proportions, summarize data distributions, compare numbers with percents and ratios, write and evaluate algebraic expressions, and express and compute rates.

Language Arts

Students develop skills of literary analysis while enjoying poetry, drama, novels, and nonfiction. Grammar study is intensified as students learn how to diagram sentences. Composition skills are honed through various assignments, including a research report.

Science

Students study the nature of science, measurement, and data to form a foundation for conducting scientific investigations throughout the course. Earth Science topics such as Astronomy, geology, oceanography, and meteorology are explored through STEM activities that encourage scientific thought.

History & Geography

Students are awed by the past through the study of world history and geography. Students explore ancient civilizations from early humans through the Renaissance.

Technology

Web research and creating digital presentations are critical skills used for study across subjects.

Art

Students study Egyptian line drawing, soft-dough sculpture, relief sculpture, and symmetry design. Lessons are coordinated with Art History study.

Art History

A Child's History of Art: Sculpture offers the study of great sculpture from ancient times to the present.

Course content subject to change.

INSIDE YOUR BOX

- Core Lesson Manual
- Grammar/Composition/Spelling – Includes Activities and Tests
- *Theras and His Town*
- *The Phantom Tollbooth*
- *Explorations: An Anthology*
- *City: A Story of Roman Planning and Construction*
- *The Master Puppeteer*
- *One Hundred Years of Poetry for Children*
- *Gifted Hands: The Ben Carson Story*
- *Esperanza Rising*
- *Everyday Spelling*
- *Elements of Language*
- Math Lesson Manual
- *Math in Focus Textbook (A+B)*
- *The Dynamic Earth*
- *Earth's Water and Atmosphere*
- *Space Science*
- *Introduction to Science and Technology*
- *Ancient Civilizations: Through the Renaissance*
- *A Child's History of Art: Sculpture*
- *Sculpture Art Cards*
- Core Tests
- Core Activity Pages
- Science Kit
- Supplies

ONLINE RESOURCES

- Online Lesson Manual
- Interactive Computer Lessons
- Curriculum Checkpoints
- *Britannica® School*
- *World Atlas*
- BrainPOP Online Interactive Activities
- Discovery Education STREAMING
- Calvert Instructional Videos
- Answer Keys for Daily Work
- e-Textbooks
- Learning Strategies
- How to Diagram a Sentence

OPTIONAL RESOURCES

- Verticy program for struggling readers

Course content subject to change.



When students study Russia, they are introduced to Leo Tolstoy and how his writing reflects not only the culture of Russia but explores universal qualities such as helpfulness, compassion, mercy, and justice.



Grade 7

Inspired and integrated art and history

INSIDE YOUR BOX

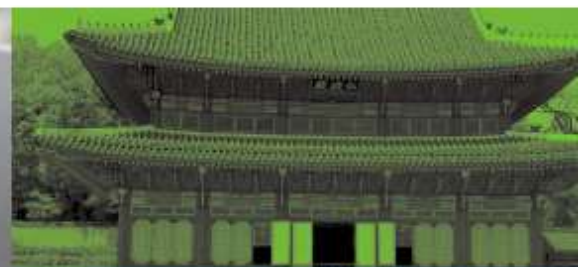
- Core Lesson Manual
- Grammar/Composition/Spelling Manual - Includes Activities and Tests
- Roll of Thunder, Hear My Cry
- The Door in the Wall
- Out of the Dust
- Across America on an Emigrant Train
- A Single Shard
- Classic Poems to Read Aloud
- Everyday Spelling
- Elements of Language
- Math Lesson Manual
- Math in Focus Textbook (A+B)
- Cells and Heredity
- The Diversity of Living Things
- The Human Body
- Ecology and the Environment
- Across the Centuries
- Europe and Russia
- A Child's History of Art: Architecture
- Architecture Art Cards
- Core Tests
- Core Activity Pages
- Science Kit
- Supplies

ONLINE RESOURCES

- Online Lesson Manual
- Interactive Computer Lessons
- Curriculum Checkpoints
- Britannica® School
- World Atlas
- BrainPOP Online Interactive Activities
- Discovery Education STREAMING
- Calvert Instructional Videos
- Answer Keys for Daily Work
- e-Textbooks
- Learning Strategies
- How to Diagram a Sentence

OPTIONAL RESOURCES

- Verticy Learning program for struggling readers



Students are immersed in a world of art and architecture as history and art converge. A rich palette of resources including picture cards, online resources, and hands-on art activities combine for a whirlwind virtual tour of the world's most impressive structures.

Math

Students develop an understanding of proportional relationships, add and subtract integers, perform operations with rational and irrational numbers, simplify algebraic expressions, and approximate probability and relative frequency.

Language Arts

Students continue to build strong grammar and composition skills through descriptive narrative, expository writing, and poetry. Students enjoy novels, poems, and works of nonfiction.

Science

Students explore Life Science through inquiry and scientific thought. Topics explored include cell function, processes of plants, animal behavior, the systems of the human body, and ecology. Engaging virtual labs and diverse instructional materials create a rich learning experience.

History

Students are captivated by the past as they study the fall of Rome through the Enlightenment.

Geography

Students explore the essential elements, themes, and branches of geography while studying the Earth's climate, environment, resources, global populations, cultures, government, and economics, with a particular focus on Europe and Russia.

Technology

More sophisticated topics such as networks, web research and validation, desktop publishing, and databases are introduced.

Art

Students apply concepts from Art History, including creating trillithons and step pyramids and designing various buildings.

Art History

A Child's History of Art: Architecture is explored with applied lessons designing structures.

Course content subject to change.

Grade 8

High school preparation and confidence building

Math

Students develop a deep understanding of algebra through statistical applications and representing and comparing functions. Students will also add and subtract using scientific notation, use exponential notation, graph linear equations, analyze data, and apply geometric transformations.

Language Arts

Narrative poetry and prose correspond to American History. Students are immersed in the country's intellectual, physical, and political identities. Vocabulary, grammar skills, and reading comprehension are built through poetry reading, speeches, sonnets, plays, and award-winning novels.

Geography

Students review geographic themes, such as spatial growth, demographic patterns, and climatic issues, in the historical context of the U.S.

Science

Physical Science is explored through the topics of the properties of matter, chemical bonding and reactions, motion, forces, energy, and the properties of sound and light waves. This course incorporates many optional digitally-rich features for an engaging experience that nurtures 21st century skills critical to college and career readiness.

History

Students study American History from the discovery of America to modern America.

Technology

Students master presentation skills, desktop publishing, spreadsheets, and HTML.

Learning Strategies

Students also master study skills, organizing, test taking, note-taking, and research needed for high school.

Course content subject to change.

INSIDE YOUR BOX

- Core Lesson Manual
- Grammar/Composition/Spelling Manual – Includes Activities and Tests
- The True Confessions of Charlotte Doyle
- The Pearl
- The Autobiography of Miss Jane Pittman
- Reflections: An Anthology
- Stories in Verse
- Elements of Language
- The Growing Vocabulary
- Math Lesson Manual
- Math in Focus Textbook (A+B)
- Matter and Energy
- Motion, Forces, and Energy
- Sound and Light
- America: History of Our Nation
- History and Geography Workbook
- Atlas of United States History
- Core Activity Pages
- Core Tests
- Learning Strategies
- Science Kit
- Supplies

ONLINE RESOURCES

- Online Lesson Manual
- Interactive Computer Lessons
- Curriculum Checkpoints
- Britannica® School
- World Atlas
- BrainPOP Online Interactive Activities
- Discovery Education STREAMING
- Calvert Instructional Videos
- Answer Keys for Daily Work
- e-Textbooks
- Learning Strategies
- How to Diagram a Sentence

OPTIONAL RESOURCES

- Verticy Learning program for struggling readers



Students study American History and read American historical novels as well as speeches by historically significant American figures. For a History assignment, students use writing skills to write a speech to address a constitutional problem.

