

Kindergarten

Students will refine reading skills with read-aloud books and a phonics-based approach. Reading materials are integrated with Science and Social Studies for an interdisciplinary education. Math introduces students to numbers, shapes, problem solving, and ordering numbers.

English Language Arts

Kindergartners learn to print and use their new skill to write about animals, their community, and create a book about weather. Children read engaging texts that introduce phonics skills and develop critical thinking.

Science

Students observe patterns in the natural world to answer scientific questions, construct arguments with evidence to support claims, develop and use models, and communicate solutions to provide detail about scientific ideas. They learn about weather and create a weather forecast.

Social Studies

The Social Studies curriculum introduces America's historical figures, symbols, and holidays. Students learn about globes and maps by making their very own treasure map. Kids are introduced to jobs and money and learn how to write a resumé that highlights their special talents.

Math

The focus is on counting up to 100, addition, subtraction, measuring, and shapes. Students engage in projects like making a number book to teach younger students, and measuring and weighing an item to ship it to a family in need. Students write in the colorful *Math in Focus* workbook and learn how to access grade-appropriate digital interactives.

Physical Education

Lessons help young learners establish a basic understanding of health and fitness.

Health

Students are introduced to the concepts of personal safety, healthy behaviors, nutrition, communication, disease prevention, basic anatomy, and physiology.

Course content subject to change.



Calvert's full day Kindergarten program offers hands-on, interactive learning.

LESSON RESOURCES

Quick Checks – auto-graded assessments to gauge understanding

Math In Focus K e-text

Math In Focus Digi +

Pearson *ReadyGen Library* e-texts:

- *Where's Home Little Pip?*

- *Farming Then and Now*

- *What Will the Weather Be?*

- *I love Saturdays y domingos*

- *Neighborhood Walk: City*

- *Tiny Seed*

- *While I Was Sleeping*

- *Weather Words and What They Mean*

- *The Old Things*

- *Making Music*

- *Plant Patterns*

- *Life in a Pond*

Pearson *ReadyGen Text Collection* e-texts

HMH *Science Dimensions* K e-text

HMH *ScienceFusion* Virtual Labs

HMH *Science Dimensions* You Solve It Simulations

BrainPOP Jr. Interactive Activities

Discovery Education STREAMING Videos

MyMath Digital Resources

Legends of Learning Games

Grade 1

First graders build on what they learned in Kindergarten to develop phonemic awareness, comprehension, and vocabulary. Students build a strong foundation in Math skills and concepts.

English Language Arts

Students gain independence in reading, learn more sight words, and become more adept at distinguishing vowel sounds. They write a narrative about their favorite day and create a persuasive poster about their favorite treat.

Science

First graders investigate, analyze and interpret data, construct explanations and design solutions to demonstrate grade-level proficiency. Students learn to predict movement pattern of objects in the sky and then compare the sky where they live to that of students around the world.

Social Studies

This course introduces beginning economics and good citizenship. By interviewing a family member, students come to understand how our country has changed over time. They learn about the many uses of maps by making a "Personal Atlas to My Life."

Math

Students continue learning addition and subtraction—now with two digit numbers. They explore measurement, charts, graphs, time, money, and solid shapes. Students learn concepts by writing the biography of a number and creating a 3D cake design.

Physical Education

Young learners focus on ways to be more active. Topics of study include exercise safety, nutrition, and the values of cooperation and teamwork. Students learn age-appropriate motor, non-locomotor, and manipulative skills.

Health

First graders develop a basic understanding of the aspects of health. Topics of study include personal safety, nutrition, communication, disease prevention, basic anatomy, and physiology.

Course content subject to change.



Watch your child develop into an independent reader and writer.

LESSON RESOURCES

Quick Checks – auto-graded assessments to gauge understanding

Math In Focus G1 e-text

Math In Focus Digi +

Pearson *ReadyGen Library* e-texts:

- *Stellaluna*

- *Time to Sleep*

- *The Winner's Choice*

- *Hunter's Money Jar*

- *Arbor Day Square*

- *Far From Home*

- *King Kafu and the Moon*

- *The Sun*

- *One Classroom, Many Cultures*

- *Whose Is This?*

- *How a Seed Grows*

- *Going to School*

Pearson *ReadyGen Text Collection G1* e-text

Pearson *ReadyGen Reading Collection G1* e-text

HMH *Science Dimensions 1* e-text

HMH *ScienceFusion* Virtual Labs

HMH *Science Dimensions* You Solve It Simulations

McGraw-Hill – *Networks Social Studies: Our Community* e-book

BrainPOP Jr. Interactive Activities

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Legends of Learning Games

Grade 2

Students become fully immersed in the world of independent reading and build a strong Math foundation.

English Language Arts

Grade 2 students add more sight words and increase fluency by studying additional vowel sounds, blends, and suffixes. Learners use their skills when interviewing a community leader and then writing a biography about him or her.

Science

Second graders identify and perform guided investigations about the properties of matter to create a matter scavenger hunt and use engineering principles to design a solution to prevent or slow natural erosive processes that changes the shape of the land.

Social Studies

Students study Native Americans and how the United States transitioned to a land of immigrants. Students will also learn about the U.S. government, economics and trade concepts. Learning is made fun by creating a travel guide of favorite places and making a plan to earn and save money.

Math

Second graders study 3-digit numbers, addition and subtraction to 1000, mental Math, data collection, money, time, and shapes. Engaging projects include conducting a plant growth experiment and organizing a fundraising event.

Physical Education

Physical Education focuses on how to become more fit and healthy. Children learn about warm-up and cool down, water safety, goal setting, nutrition, muscle strength, and flexibility, and are required to participate in regular physical activity.

Art & Picture Study

This course explores drawing techniques, perspective, and color theory and includes the discussion and analysis of famous works of art.

Course content subject to change.



Grade 2 builds on acquired skills and engages students with their community.

LESSON RESOURCES

Quick Checks - auto-graded assessments to gauge understanding

Math In Focus G2 e-text

Math In Focus Digi +

Pearson *ReadyGen Library* e-texts:

- *Trouble at the Sandbox*
- *Disaster Alert!*
- *John Chapman: Planter & Pioneer*
- *Pioneers to the West*
- *On Meadowview Street*
- *The Earth Dragon Awakes*
- *Change Makers*
- *Money Matters*
- *Alexander Who Used to Be Rich Last Sunday*
- *Friends Around the World*
- *68 Ways To Save The Planet Before Bedtime.*

Pearson *ReadyGen Text Collection G2* e-texts

Pearson *ReadyGen Reading Collection G2* e-texts

HMH *Science Dimensions 2* e-text

HMH *ScienceFusion* Virtual Labs

HMH *Science Dimensions* You Solve It Simulations

McGraw-Hill - *Networks Social Studies: Who We are as Americans* e-book

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Legends of Learning Games

Grade 3

In Grade 3, collaboration is integrated into lessons and projects. Learning will take place on a personal level cultivating a deeper understanding of subjects. The Singapore Math Method continues to build on concepts taught in Grade 2.

English Language Arts

Students read cross-curricular texts to increase subject knowledge and practice complex phonics concepts. They write daily and compose an advertisement about an extreme place to live.

Science

Virtual labs provide an opportunity for students to practice gathering evidence and defending their claims. The Grade 3 curriculum weaves S.T.E.M. skills into lessons to spark a child's curiosity about these fields. Students learn about plant and animal reproduction, inheritance, and life cycles by devising a plan to save the bee population.

Social Studies

This year, students develop ideas for helping their communities and starting their own business. Project-based learning helps students grasp the concepts of economics. Students learn about civics by developing and implementing a community service project.

Math

Lessons employ active digital resources such as a digital place-value chart, used with base-ten blocks to model addition and subtraction, and a digital beam balance to practice mental Math and estimation. Students learn about angles and lines, polygons, and area and perimeter by designing a wildlife sanctuary.

Physical Education

Children learn about warm-up and cool down, water safety, goal setting, nutrition, muscle strength and flexibility and are required to participate in regular physical activity.

Art & Picture Study

Budding artists learn drawing skills using lines, light sources, and motion while discussing and analyzing famous works of art.

Course content subject to change.



Reading, writing, and fundamental skills are intertwined so students learn them organically and with purpose.

LESSON RESOURCES

Quick Checks – auto-graded assessments to gauge understanding

Math In Focus G3 e-text

Math In Focus Digi +

Pearson *ReadyGen Library* e-texts:

- *About Earth*

- *Below Deck: A Titanic Story*

- *Brave Girl: Clara & The Shirtwaist Makers Strike Of 1909*

- *Deep Down & Other Extreme Places To Live*

- *Iopeners Living Through A Natural Disaster*

- *Iopeners What Is Government*

- *Storm In The Night*

- *The Case Of The Gasping Garbage*

- *The Song Of Sky & Sand*

- *The Year Of Miss Agnes*

- *Treasure In The Trees*

- *Weather*

Pearson *ReadyGen Text Collection G3* e-texts

Pearson *ReadyGen Reading Collection G3* e-texts

HMH *Science Dimensions 3* e-text

HMH *ScienceFusion Virtual Labs*

HMH *Science Dimensions You Solve It Simulations*

McGraw-Hill – *Networks Social Studies: The United States: Communities and Neighbors* e-book

BrainPOP Jr. Interactive Activities

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Legends of Learning Games

Grade 4

The curriculum includes tips on differentiation so Learning Guides can adjust the lessons to accommodate students of different ability levels.

English Language Arts

A shift toward explanatory/argumentative writing is marked by an increase in non-fiction reading. Students conduct research for an op-ed and then create an investigative journalism report for a news show.

Science

Students apply their knowledge of natural earth processes to generate and compare solutions to determine the impacts of renewable and nonrenewable resources. Students employ the engineering design process to design, test, and refine a device to stay safe during a collision.

Social Studies

This year's focus is on the geography and history of early North America, the Age of Exploration, Colonial America, the American Revolution, and westward expansion up until the Civil War. Students create virtual museum exhibits to showcase the history of their state.

Math

Math dives deeper into addition, subtraction, multiplication, and division of whole numbers, fractions, data, and graphing; measuring angles and symmetry; and calculating perimeter and area of square and rectangles. Students build a travel itinerary, budget for a trip, and use geometry to design a dream neighborhood.

Physical Education

Students learn age-appropriate motor, non-locomotor, and manipulative skills, and are required to participate in regular physical activity.

Art & Picture Study

This course explores drawing skills such as perspective and color theory. Picture study includes the discussion and analysis of famous works of art.

Course content subject to change.



Fourth Grade curriculum is exciting and flexible.

LESSON RESOURCES

Quick Checks - auto-graded assessments to gauge understanding

Math In Focus G4 e-text

Math In Focus Digi +

Pearson *ReadyGen 4 Library* e-texts:

- *A Tale Of Two Poggles*

- *A Tsunami Unfolds*

- *Anatomy Of A Volcanic Eruption*

- *Earthquakes*

- *Iopeners Skeletons, Inside And Out*

- *Lunch Money*

- *Mary Anning: The Girl Who Cracked Open The World*

- *Science Squad: Porpoises In Peril*

- *The Longest Night*

- *Three Native Nations: Of The Woodlands*

- *Plains & Desert*

- *Using Money*

- *Why The Sea Is Salty*

Pearson *ReadyGen Text Collection G4* e-texts

Pearson *ReadyGen Sleuth Reading Collection G4* e-texts

HMH *Science Dimensions 4* e-text

HMH *ScienceFusion* Virtual Labs

HMH *Science Dimensions* You Solve It Simulations

McGraw-Hill - *Networks Social Studies: United States History* e-book

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MyMath Digital Resources

Legends of Learning Games

Grade 5

Essential writing skills continue to be developed, including paragraph structure, outlining, and summarizing. In Social Studies, students investigate the history of the United States and their home state from the Reconstruction Era through modern times.

English Language Arts

Students prepare for the rigor of middle school by studying complex sentence structure and reading challenging non-fiction. They write their own sci-fi narrative, and choose a topic for an opinion piece about issues that impact their community.

Science

Students carry out investigations, design solutions, and generate fact-based opinions using observation and data analysis. This year, learners develop a plan to decrease air pollution.

Social Studies

This year's focus is on our nation's growth after the Civil War—through World War I, World War II, and the Cold War and into the Modern Era. Students create interactive virtual exhibits to show their state's history.

Math

The Singapore Math Method introduces students to multiplying two-digit numbers by two digit numbers, practicing long division with and without remainders, adding subtracting and multiplying unlike fractions and mixed numbers, working with decimals, graphing on a coordinate plane, and calculating the volume of solid figures.

Physical Education

Students are required to participate in regular physical activities. The focus is on warm-up and cool down, water safety, goal setting, nutrition, muscle strength, and flexibility.

Art & Picture Study

Fifth grade artists explore contour, naturalism, and linear perspectives. In Art History, students study paintings from ancient Egypt through the modern art movement.

Course content subject to change.



Students learn to make connections between American history, literature, and geography.

LESSON RESOURCES

Quick Checks – auto-graded assessments to gauge understanding

Math In Focus G5 e-text

Math In Focus Digi +

Pearson *ReadyGen 5 Library* e-texts:

- *Night of the Spadefoot Toads*

- *Washed Up!*

- *George's Secret Key to the Universe*

- *The Road to Freedom*

- *Real Life Superheroes*

- *Rain Forest Food Chains*

- *Explorers of North America*

- *Jess and Layla's Astronomical Assignment*

- *Explorers: Triumphs and Troubles*

- *Our Mysterious Universe*

- *Beyond the Horizon*

- *The Great Migration*

Pearson *ReadyGen Text Collection G5* e-texts

Pearson *ReadyGen Sleuth Reading Collection G5* e-texts

HMH *Science Dimensions 5* e-text

HMH *ScienceFusion* Virtual Labs

HMH *Science Dimensions* You Solve It Simulations

McGraw-Hill - *Networks The United States Modern Times* e-book

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Discovery Education STREAMING Videos

MyMath Digital Resources

Legends of Learning Games

Grade 6

Students build their autonomy and explore topics through inquiry-based learning and STEM activities.

English Language Arts

Texts from different genres and periods are introduced. After reading *Bud, Not Buddy*, students reflect on their life experiences and write their own set of rules to live by. They will also study editorials and how they convey opinions, culminating in writing not only their own editorial, but also an opposing editorial. This exercise introduces them to the art of creating a sound argument.

Science

In Grade 6, the focus is on Earth Sciences. Students study the nature of Science, measurement, data collection and analysis, and engineering design principles as a foundation for conducting scientific investigations. Earth Science topics such as astronomy, geology, oceanography, and meteorology are explored through inquiry-based learning and STEM activities that encourage scientific thought.

Social Studies

Students are captivated by the past as they study ancient civilizations that include Mesopotamia, Egypt, Greece, and the Roman Empire, as well as early Asian, American, and African Empires; Europe's Dark Ages through the Renaissance and Reformation; and on into the Age of Enlightenment. Students create an interactive exhibit comparing and contrasting the ways knowledge and opinions were disseminated during the Renaissance/Reformation as compared to modern day.

Math

Students draw on problem-solving skills and prior knowledge to develop an understanding of numbers and operations, compare numbers with percents and ratios, write and evaluate algebraic expressions, study the area of triangles and other polygons, and summarize data distributions. Students learn by planning an event where they must create a menu, determine quantities based on the number of attendees, and then calculate pay rate, sales tax, and gratuity.

Electives

Students can choose from a selection of Edmentum's Middle School electives.

Course content subject to change.



Project-based learning
brings subject matter to life.

LESSON RESOURCES

Quick Checks – auto-graded assessments to gauge understanding

Math In Focus G6 e-texts

Math In Focus Digi +

Pearson *MyPerspectives ELA* e-texts

Pearson *ReadyGen Text Collection G6* e-texts

Anything but Typical

Bud, not Buddy

HMH *Science Fusion* e-texts:

- *The Dynamic Earth*

- *Earth's Water and Atmosphere*

- *Space Science*

- *Introduction to Science and Technology*

HMH *ScienceFusion* Virtual Labs

McGraw-Hill - *Discovering Our Past:*

A History of the World e-text

McGraw-Hill – *Discovering World Geography* e-text

BrainPOP Interactive Activities

Discovery Education STREAMING

PrepMagic Simulations

Legends of Learning Games

Grade 7

Grade 7 students learn how to conduct research to form their own opinions. They then take what they have learned and apply it to projects that encourage community engagement.

English Language Arts

Projects emphasize gathering information from texts and conducting research to form opinions which students present through a variety of methods. Learners increase their skills by interpreting the ubiquitous information available in our digital age and presenting their analysis through digital means. They are tasked with creating a presentation to the leaders of world nations regarding human colonization of space and writing an art critique by taking virtual tours of the world's most famous museums.

Science

Engaging in virtual labs and diverse instructional materials creates a rich learning experience. Grade 7 students explore life Science through inquiry and scientific thought. Topics include cell function, processes of plants, animal behavior, the systems of the human body, and ecology.

Social Studies

Students explore the essential elements, themes, and branches of the geography of the Eastern and Western hemispheres. They delve into the founding principles and practices of U.S. government and explore topics in economics. Students learn by completing projects such as drafting public policy on an issue they care about and taking steps to effect positive change in their community.

Math

Students develop a strong conceptual understanding of Math skills and concepts. They draw on problem-solving skills and prior knowledge to simplify and solve algebraic expressions, approximate probability and relative frequency, and construct different geometric figures. Students learn to identify the plane shapes, and then use those skills to assemble a three-dimensional object. Designing a bird feeder is one of the project options.

Electives

Students can choose from a selection of Edmentum's Middle School electives.

Course content subject to change.



Research is at the core of learning this year.

LESSON RESOURCES

Quick Checks - auto-graded assessments to gauge understanding

Math In Focus G7 e-texts

Math In Focus Digi +

Pearson *MyPerspectives ELA* e-texts

Pearson *ReadyGen Text Collection G7* e-texts

The Outsiders

Hatchet

HMH *Science Fusion* e-texts:

- *Cells and Heredity*

- *The Diversity of Living Things*

- *The Human Body*

- *Ecology and the Environment*

HMH *ScienceFusion* Virtual Labs

McGraw-Hill - *Discovering Our Past:*

A History of the United States e-text

Britannica® School

World Atlas

BrainPOP Interactive Activities

Discovery Education STREAMING Videos

PrepMagic Simulations

Legends of Learning Games

Grade 8

Can you imagine how the American Revolution would have been led if Samuel Adams had social media? How many people would have shown up for the Boston Tea Party? Grade 8 students consider the implications of communications technology and learn about the persuasive power of speech.

English Language Arts

Students increase ownership of their reading growth by forming opinions through research and tackling social issues. Students research rites of passage in cultures throughout the world and compose an article in which they use journalism techniques to illuminate various rites. After reading Elie Wiesel's Nobel-Peace-Prize-winning book, *Night*, students will research a current global issue and write a speech modeled after Wiesel's Nobel acceptance speech, calling the audience to action.

Science

Grade 8 students use prerequisite knowledge of physical Science to deepen their understanding of topics such as the properties of matter, chemical bonding and reactions, motion, forces, energy, and the properties of sound and light waves. Virtual labs and digital simulations create an engaging experience for middle-school learners.

History

How can today's students relate to events of the past? Grade 8 students study U.S. History from the first Americans through the American Revolution, the Civil War, and Reconstruction. Then they develop a social media campaign to convince colonists to either declare independence or stay loyal to England.

Math

Students draw on problem-solving skills and prior knowledge to develop a deep understanding of algebraic equations through data analysis and statistical applications and through an exploration of functions including graphing linear equations. Students will also learn about exponential and scientific notation, the Pythagorean Theorem, and how to apply geometric transformations. Learners are challenged to use equations to compare fitness center membership options.

Electives

Students can choose from a selection of Edmentum's Middle School electives.

Course content subject to change.



Learners prepare for
high school.

LESSON RESOURCES

Quick Checks - auto-graded assessments to gauge understanding

Math In Focus G8 e-texts

Math In Focus Digi +

Pearson *MyPerspectives ELA* e-text

Night

Ender's Game

20,000 Leagues Under the Sea

HMH *Science Fusion e-texts:*

- *Matter and Energy*

- *Motion, Forces, and Energy*

- *Sound and Light*

HMH *ScienceFusion* Virtual Labs

McGraw-Hill – *Discovering World Geography* e-text

McGraw-Hill – *Building Citizenship: Civics and Economics* e-text

Britannica® School

World Atlas

BrainPOP Interactive Activities

Discovery Education STREAMING Videos

PrepMagic Simulations

Legends of Learning Games