



Core Curriculum Overview: Grades PK-12

The Goodwin University Magnet School System is an educational partner for life. From pre-K through high school, we are by your side at every age and every stage, coordinating our comprehensive resources through flexible pathways tailored to your scholar's unique educational needs.

With highly qualified teachers, child development specialists and the latest educational technologies, we form a team with you and your scholar to personalize their experience and make changes that will lead to success in their lifelong learning.

Plus, as part of our Magnet School System, your child can earn free, transferable college credits making tuition more affordable as they continue their education from undergraduate through postgraduate degree.

This document provides an overview of the curriculum for the Goodwin University Magnet School System, summarizing the core academic courses available at the secondary level and outlining content and curriculum offerings at the elementary level. For detailed information on graduation requirements, pathway options, and the complete educational framework, please consult the CTRA Program of Studies.



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The Middle Level Program (grades six through eight) bridges the academic and social-emotional success for scholars as they progress from Riverside Magnet School (pre-kindergarten to grade five) to CTRA (grades nine to twelve).

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A Reggio Emilia Inspired Elementary School

Riverside Magnet School (RMS) offers young children — prekindergarten through grade 5 — an exciting curriculum that focuses on building literacy, numeracy, social, and physical skills.



**CONNECTICUT RIVER ACADEMY
A SUSTAINABILITY-THEMED EARLY COLLEGE MAGNET HIGH SCHOOL**

At Connecticut River Academy (CTRA), scholars get a start on their college and career coursework. In addition to a full range of high school courses, scholars have the opportunity to take classes at Goodwin University and earn more than 30 transferable college credits while still in high school — all at no tuition cost. Scholars are prepared academically and socially for college — laying an important foundation for future success.

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Core Curriculum Overview: Grades 9-12

English Language Arts	
Course Title	Core Course Description
English 9: Self & Global Awareness	Scholars deepen their understanding of multicultural literature by sharing personal experiences, engaging in discussions, and creating original writings that analyze different literary works and the connections to real life.
English 10: Taking Action	Scholars explore how personal experiences shape their societal understanding and the value of literature for revealing diverse realities and insights into different lives.
English: The American Dream Literature/ American Dream Deferred	Scholars examine how the concept of the American Dream has changed over time in literature, looking at differences related to economic status, gender, and race.
Pre AP English 1	Scholars study detailed texts, assess evidence for good writing and speaking, and improve their writing by learning how word choice and sentence structure affect what people think and feel.

Creative Writing (elective)	Writers experiment with various formats, receive feedback in groups, develop their style through studying established authors, and compile a portfolio to showcase their progress by the semester's end.
Film & Media Studies (elective)	Scholars will gain insights into film editing and structure, enhancing their ability to analyze directorial choices, recognize various genres, and compare films based on editing and composition.
Honors English (elective)	Scholars enhance their critical thinking and college readiness by refining their reading, writing, and speaking skills through challenging assignments and culminating in a final 5-minute presentation.
AP English (elective)	Scholars enhance critical reading skills by analyzing nonfiction across various eras and writing essays to explain, argue, or persuade.

Mathematics

Course Title	Core Course Description
Algebra 1	This course teaches introductory algebra skills and concepts, covering data representation, simplifying expressions, solving equations, systems of equations and inequalities, understanding linear functions, and applying algebra to real life problems.
Algebra 2	This course strengthens Algebra I skills through real-world applications, focusing on functions and their graphs, as well as systems of equations and various function types like quadratic, exponential, and logarithmic functions.
Algebra 2 Accelerated	This accelerated course deepens scholars' understanding of Algebra I and its real-life applications, covering systems of equations, linear optimization, and various functions in preparation for advanced math like pre-calculus and calculus.
AP Calculus BC	This course teaches the fundamentals of calculus, focusing on different functions and series, where scholars will conduct experiments, explore ideas, and solve problems.
Geometry	Scholars will engage in hands-on activities to explore the relationships and features of geometric shapes while focusing on basic concepts like lines, triangles, quadrilaterals, similarity, polygons, area, volume, and circles.
Geometry Accelerated	This accelerated Geometry course prepares math and science scholars for Precalculus and Calculus by covering advanced concepts and algebra with greater depth.

Science

Course Title	Core Course Description
Biology	This course explores life within the CT River Academy and its watershed, connecting cells, genetics, evolution, and ecology to apply biological concepts in local and global communities.
Biology Accelerated	The course provides scholars with foundational knowledge in modern biology and science, emphasizing critical thinking through real-world problems and hands-on lab work to prepare them for AP and college-level biology.
Environmental Science (Sustainability)	This course explores human-environment interactions, real-world environmental challenges, and the value of natural resources through local tools such as the CT River and the school's research vessel.
Materials Science	This hands-on course examines the practical applications of materials such as textiles, metals, and clay, teaching scholars about material selection through product creation using various manufacturing methods.
Physics	Physics enables scholars to grasp fundamental laws of nature and their real-world applications through topics like motion, energy, and electricity, enhanced by hands-on labs and projects.
Chemistry	In Chemistry, scholars learn about and experiment with matter at the atomic and molecular level and are able to explain chemical properties and the processes of matter through intra- and intermolecular forces and energy.
Agriculture, Aquaculture, and Animals 1 (elective)	This course engages scholars in hands-on plant and animal care activities at various sites, including the CTRA habitat center and school gardens, while teaching essential skills for related careers, such as monitoring and handling techniques and the use of technology for tracking.
Triple A - Independent Student (formerly Agriculture, Aquaculture, and Animals 2 - elective)	This course builds on basic animal and agriculture concepts from AAA 1, providing scholars with practical leadership experiences through lab management, an equine program, and an independent greenhouse project for CTRA's habitat center.
Engineering (elective)	This course offers hands-on projects, design tasks, and industry expert talks to teach engineering through product development and testing, emphasizing its role in improving lives and safeguarding the environment.
Forensics (elective)	Environmental forensics equips scholars to collaboratively tackle real crime cases related to poaching and pollution by integrating forensic skills with technology and interdisciplinary knowledge.
Ecology (elective)	This course teaches scholars about ecology through lectures, hands-on activities, and fieldwork to foster a respect for nature, critical thinking about environmental issues, and skills to address ecological challenges.

Social Studies

Course Title	Core Course Description
AP World History: Modern	Scholars analyze key historical events, figures, and trends from 1200 to today through various documents and argumentation, exploring themes of environmental impact, cultural exchanges, governance, economic systems, social interactions, and technological advancements.
Civics	Scholars will learn about U.S. government functions, develop personal views on various issues, and create a portfolio that highlights their understanding of civic engagement through research, action plans, and evaluations of their democratic contributions.
Community Development in the Connecticut River Region	Scholars will participate in the political process through a state-required Civics course that covers government functions and culminates in a portfolio project on a chosen civic issue.
Modern World History	Scholars will examine the influence of social, political, religious, and cultural factors on world history over the past thousand years by analyzing historical sources and developing arguments and comparisons.
United States History	This course examines America's multicultural identity from the early 1900s to today, emphasizing diverse historical perspectives while enhancing research and communication skills through a comprehensive thesis paper.
Black and Latino Studies (elective)	The African American/Black and Puerto Rican/Latino Course is a one-credit elective that examines the contributions, struggles, and collaborations of these communities in U.S. history alongside the impact of historical events on their rights and pursuit of justice and cultural wealth.
Deliberation (elective)	Scholars will explore current U.S. issues linked to Congressional debates through research and discussion, ultimately fostering civic values and skills for active democratic participation by semester's end.
Gender Studies	This course will explore the impact of culture on gender roles, examining discrimination against women, stereotypes of men, and key issues such as double standards, sexist language, body image, and the history of movements for gender equality.

World Language

Course Title	Core Course Description
Spanish 1	This course covers the Spanish language and Hispanic cultures through speaking, listening, reading, and writing practice, alongside vocabulary and grammar instruction.

Spanish 2	This course enhances Spanish 1 skills by reviewing basic grammar, introducing intermediate concepts, and exploring various Hispanic cultures.
Spanish 3	This course enhances intermediate high language skills in speaking, reading, writing, and listening through vocabulary and grammar development via authentic cultural listening exercises.
Spanish 4	This course enhances Spanish skills beyond college requirements for scholars excelling in prior classes, focusing on topic discussions and requiring persistence and risk-taking for success.
Spanish for Native Speakers	This course for strong bilingual scholars at CTRA emphasizes reading and writing skills while exploring themes from Spanish-speaking countries, college and career preparation, and environmental studies, allowing for multiple enrollments for credit.

College/Career

Course Title	Core Course Description
Capstone	In this full-year course, scholars will explore a topic of interest and create a body of work through diverse writing modes, culminating in an exhibition that showcases their learning and growth within the CTRA community.
Digital Portfolio	In this six-month course, scholars will develop a digital portfolio showcasing their growth in 21st Century Skills through critical thinking and communication rubrics, culminating in scholar-led conferences and senior Capstone Presentations.
Inquiry Methods & Design	This course encourages scholars to explore real-world topics of interest through an interdisciplinary lens, employing an inquiry framework to investigate multiple sources and develop solutions to complex challenges, while also focusing on academic reading, writing, and presentation skills.
Pre-Apprenticeship	The pre-apprenticeship program provides scholars with on-site career training through part-time local employment, aiding their transition to careers or higher education, in partnership with the CT State Department of Labor, while eliminating transportation requirements.
Service in the Community	Juniors and seniors participate in weekly volunteer positions with evaluations conducted by the placement director and the Internship and Community Service Coordinator.
Tools for Success	In this course, scholars will assess their learning motivations and future aspirations while identifying strengths and challenges, ultimately using this insight to set goals, solve problems, and foster positive change.

Unified Arts

Art

Course Title	Core Course Description
Art Foundations	Art Foundations equips scholars with skills in two and three-dimensional art, emphasizing design processes, composition, technique, tool mastery, and critiques of historical and personal artworks across drawing, painting, and sculpture.
Digital Photography	The Digital Photography course empowers scholars to master the technical and creative aspects of photography through hands-on learning with Nikon DSLR cameras and collaborative project development.
Drawing	Scholars will enhance their drawing techniques and artistic voice by applying art elements and design principles in creating compositions, analyzing artwork, and engaging in critiques and reflections in a supportive environment.
Recycle Art	Recycle Art encourages scholars to creatively repurpose everyday materials and trash by exploring art concepts and the design process, while also researching innovative artworks that highlight repurposing as a valid art form.

Health & Wellness

Course Title	Core Course Description
Health & Wellness I & II	Health and Wellness I & II are half-year course offerings focusing on providing foundational knowledge for a healthy, balanced lifestyle through exploration of wellness, human sexuality and related topics.

Physical Education

Course Title	Core Course Description
Individual & Team Sports	This half-year course aims to equip scholars with essential health and physical activity concepts and skills to promote an active, healthy lifestyle through understanding the connection between positive choices, physical activity skills, game concepts, and teamwork.
Personal Training	This course provides scholars with comprehensive fitness concepts, strength training, and conditioning techniques while promoting lifelong wellness through goal setting and active participation in both theory and physical activities.

Music

Course Title

Core Course Description

Chorus

This course is a participation based vocal group focusing on advanced choral performance, dance movement and various vocal techniques, culminating in at least two annual concerts.

Modern Band

This class offers scholars the opportunity to explore popular music production and performance in a modern "rock" band setting, fostering growth in skills across guitar, keyboard, bass, drums, and vocals for all experience levels.

Piano/Keyboard Lab

This class aims to develop beginner to intermediate keyboard skills at an individual pace using electronic keyboards in CTRA's new midi lab, with no prior experience necessary.

Music Technology I

This course introduces scholars to digital audio and MIDI recording, enabling them to create musical compositions and audio archives while exploring key topics such as music theory, production and copyright.

AP Music Theory

The AP Music Theory course equips scholars with essential music concepts and skills through aural analysis, score analysis, sight-singing, dictation, and composition, fostering their abilities as thoughtful listeners, performers and composers.

World Drumming

World Music Drumming is a hands-on, performance-based class that explores global drumming traditions and techniques, requires no prior musical experience, and provides all necessary instruments and materials.



CONNECTICUT RIVER ACADEMY MIDDLE LEVEL PROGRAM

The Middle Level Program (grades six through eight) bridges the academic and social-emotional success for scholars as they progress from Riverside Magnet School (pre-kindergarten to grade five) to CTRA (grades nine to twelve).

Core Curriculum Overview: Grades 6-8

English Language Arts	
Grade Level	Core Course Description
6	Grade six lessons advance K–5 foundations by using complex texts and academic language to enhance scholars' vocabulary, analytical skills, and research abilities through newly designed informational units.
7	Seventh grade scholars will enhance their reading, writing, and analytical skills by examining various genres and media, analyzing character and setting, improving comprehension, reflecting on their progress in a portfolio and focusing on the craft and rhetoric of famous speeches.
8	Scholars will develop a deeper understanding of poetry and speeches that communicate messages of courage.
Mathematics	
Grade Level	Core Course Description
6	Scholars enhance their mathematics skills through hands-on activities focusing on area and surface area, followed by concepts of ratios, rates, and percentages, while also practicing division with fractions, multi-digit arithmetic, and studying algebraic expressions, inequalities, and data analysis.
7	Scholars learn geometric concepts, proportional relationships, and arithmetic operations through a

	curriculum progression that includes exploring circle geometry, rational numbers, and negative rules, while covering topics like angles, triangles, and probability.
8	Scholars build on proportional relationships to explore transformational geometry concepts like rigid transformations and similarity in understanding slope, culminating in the study of integer exponents, scientific notation, and irrational numbers.

Science

Grade Level	Core Course Description
6	Scholars will explore the following units in 6th grade science: Light & Matter, Thermal Energy, Weather, Climate & Water Cycling, Plate Tectonics and Rock Cycling, Natural Hazards and Cells & Systems.
7	Scholars will explore the following units in 7th grade science, building upon knowledge from the previous years: Chemical Reactions & Matter, Chemical Reactions & Energy, Metabolic Reactions, Matter Cycling & Photosynthesis, Ecosystem Dynamics and Earth's Resources & Human Impact.
8	Scholars will explore the following units in 8th grade science, building upon knowledge from the previous years: Contact Forces, Sound Waves, Forces at a Distance, Earth in Space, Genetics and Natural Selection & Common Ancestry.

Social Studies

Grade Level	Core Course Description
6	Teachers use a standards-based curriculum that emphasizes inquiry to enhance history, geography, civics and government. This approach integrates literacy, critical thinking and citizenship skills through the use of primary sources and interactive media.
7	Using a comprehensive framework, seventh grade scholars begin to explore how history, geography and culture shape the world. Key areas of focus include geographic skills, exploration of world regions and cultures, study of historical civilizations, an introduction to government and economic systems, and analysis of global issues and current events.
8	In eighth grade, scholars engage in the study of events, documents, movements and people emphasizing 18th/19th century America with a focus on inquiry into the development of the United States as a nation. The study of U.S. History in the 18th and 19th centuries requires that scholars

generate and research compelling questions.

Unified Arts

Art

Grade Level	Core Course Description
6	The sixth grade art program focuses on transitioning scholars from elementary art to a more expansive curriculum, enhancing their proficiency across various mediums while working on long-term unit projects. Scholars will develop essential drawing techniques and explore diverse designs, sculpture, and art principles to foster their growth and creativity throughout the school year.
7	Scholars will be using various methods, including illustrations and sculpture, to creatively express emotions and topics from poems, cultural events, and artwork, such as Dia De Los Muertos, Frida Kahlo Portraits, and Georgia O'Keeffe flowers. Projects aim to deepen their understanding of different cultures and art forms by connecting them to personal experiences and traditions.
8	The 8th grade art program emphasizes returning project outcomes to scholars while they review art principles, color theory and painting techniques to enhance their skills for high school. Scholars engage with artists like Faith Ringgold, Basquiat, and Keith Haring to explore the connections between art, activism, and social justice. Peer critiques are also incorporated to foster collaboration and idea sharing, ultimately aiming for high-quality, meaningful artwork.

Music

Grade Level	Core Course Description
6-8	The music curriculum in grades 6-8 covers a variety of topics; including the following units of study: hand drumming, drum circles, music tech/composition, world music (drums, traditions & pop), music history (blues history, jazz, r&b and hip hop), local musicians and musical games.

Health

The CTRA Middle Grades health curriculum encourages healthy lifestyles and informed decision-making, aligning with national and state standards. It encompasses a range of topics such as health and wellness, social wellness, human growth and development, fitness, mental health, diseases, nutrition, safety, and substance abuse.

Grade Level	Core Course Description
6-8	Scholars will learn about healthy life choices and body changes, deepen their understanding of health concepts and focus on analyzing how their choices impact overall health.

Physical Education

The CTRA Middle Grades Physical Education Program aims to encourage healthy choices and an active lifestyle, aligning with national and state standards that emphasize holistic scholar development. Scholars will engage in various units, including fitness, invasion games, team building, volleying, racquet sports, and tactical games.

Grade Level	Core Course Description
6-8	Scholars will be exposed to activities that they find interesting and might want to explore outside of school. Students will be encouraged to be active and social and to live an active and healthy lifestyle, by utilizing a holistic approach.

STEM / CTE

The middle grades pathways and technology education curriculum aims to promote understanding of the pathways offered at CTRA High School through engaging, hands-on activities and career exploration. The curriculum covers topics related to information technology and computer science, manufacturing and engineering, business administration, and health and medical sciences.

Grade Level	Core Course Description
6-8	The middle grades pathways curriculum provides structured lessons that promote digital citizenship and literacy while allowing scholars to engage in the engineering design process and explore various career pathways through the creation of physical and digital products.

Grade 8 Advanced CTE

The middle grades Advanced CTE curriculum is designed for Grade 8 scholars. The curriculum aims to promote interest in learning experiences and career explorations that align with learning pathways offered at CTRA High School. The curriculum also includes strategies for building skills for school and career readiness.

Grade Level	Core Course Description
8	Scholars will develop competencies for college and career readiness through organization and learning strategies, alongside skill development aligned with CTRA High School's learning pathways.

Lessons will feature hands-on, real-world experiences in fields such as manufacturing, engineering, computer science, business administration, and health sciences, covering topics like robotics, coding, and finance.

Orchestra

The Orchestra Program provides a rigorous, sequential music education that emphasizes instrumental technique, ensemble playing, and musicianship. Based on the 2014 National Standards for Music Education, the curriculum fosters both individual musical growth and collaborative performance, ensuring scholars develop the skills needed to thrive in an ensemble setting.

Grade Level	Core Course Description
6-8	Scholars enhance their skills by refining bowing techniques, finger patterns, articulation, phrasing, dynamics, expression, and tone quality, while expanding musical knowledge and performing more complex pieces in multiple sections.



RIVERSIDE MAGNET SCHOOL

A Reggio Emilia Inspired Elementary School

Riverside Magnet School (RMS) offers young children — prekindergarten through grade 5 — an exciting curriculum that focuses on building literacy, numeracy, social, and physical skills.

Core Curriculum Overview: Grades PK-5

English Language Arts

Amplify CKLA is a comprehensive K-5 language arts program that aligns with the Science of Reading and our mission by integrating a multi-sensory phonics approach with sequenced texts that build content knowledge in science and social studies, fostering both reading proficiency and intellectual engagement.

Grade Level

Core Course Description

K-2

In K-2, scholars will develop foundational reading skills and enhance background knowledge through systematic phonics and decodable texts, alongside lessons in handwriting, grammar, language comprehension, spelling, and writing.

3-5

In grades 3-5, scholars enhance their reading skills and understanding of the world through a cross-curricular approach that integrates lessons from core subjects into their reading instruction.

Mathematics

Eureka Math for K-5 builds a solid math foundation through gradual problem-solving, emphasizing number sense, place value, and basic operations with real-world examples and visuals.

Grade Level

Core Course Description

K

Scholars develop number sense by counting, matching numbers, breaking down and combining numbers up to 10, and basic addition and subtraction using hands-on tools.

1	Scholars work toward the ability to add and subtract up to 20, understand place value to 100, use strategies for addition and subtraction, and grasp basic geometry concepts.
2	Scholars enhance their understanding of place value up to 1000, multiplication through arrays and repeated addition, division as the opposite of multiplication, and measurement concepts like length, weight, and capacity.
3	Scholars work toward mastering multiplication and division facts, working with fractions, solving multi-step word problems, and understanding basic geometry (lines, angles, and shapes).
4	Scholars' knowledge of fractions will expand to cover larger denominators, decimal equivalents, multi-digit multiplication and division, measurement conversions, and data analysis with graphing.
5	Scholars will gain increased skills in fractions, decimals, ratios, 3D geometry, and applying math to everyday situations.

Essentials

Art

Grade Level	Core Course Description
PK-5	This curriculum integrates hands-on activities, creative expression, and a Reggio-inspired approach to teach the seven fundamental elements of art (Line, Shape, Color, Form, Space, Texture, and Value) to scholars from Pre-K to 5th grade.
Overview of the Elements of Art	<ol style="list-style-type: none"> 1. Line: A mark with length and direction, created by a pointed tool such as a pencil or pen. 2. Shape: A two-dimensional, enclosed space, created by lines or edges. Shapes are geometric (circles, squares, etc.) or organic (freeform or irregular). 3. Color: The visual experience created by the reflection of light off objects, categorized by hue (color name), value (lightness/darkness), and intensity (brightness). 4. Form: A three-dimensional object with length, width, and depth. It can be geometric (cubes, spheres) or organic. 5. Space: The area in which art exists. Space can be positive (filled with objects) or negative (empty areas). It also refers to the illusion of depth or perspective in artwork. 6. Texture: The surface quality of an object, which can be tactile (real texture) or visual (implied texture). 7. Value: The lightness or darkness of a color, used to create contrast and the illusion of depth

Music

At Riverside Magnet School, we utilize "First Steps in Music" and "Conversational Solfege" as our core curriculum, supplemented by resources like "Quaver Ed," "Piano Adventure," and "Bandlab" to offer a multimodal music education aligned with our Reggio Emilia theme. This approach ensures equitable access to music education, nurturing our scholars' abilities to create, perform, and connect across disciplines in line with the National Standards for Arts Education.

Grade Level	Core Course Description
PK-1	Scholars are engaged in a comprehensive musical workout based on the "First Steps in Music" curriculum, which includes voice warm-ups, song fragments, solo performances, movement activities, fingerplays, action songs, circle games, and cooldown sessions. Through this program, they actively learn to differentiate artistic musical elements, understand their purposes, and identify foundational music notation, aiming to deepen their musical understanding by the year's end.
2-3	By completing Units 1-3 and 4-5 of the "Conversational Solfege" curriculum, scholars develop music literacy by learning to decode rhythm patterns in 2/4 and 6/8 time and enhance aural and visual decoding, improvisation, and composition skills. Building on this foundation, they master melodic patterns using solfege syllables ("Do, Re, Mi," and adding "Sol" and "La"), transpose to different keys, and practice improvisation and composition through aural and visual methods, as well as recording their work.
4-5	Scholars improve their music literacy and performance skills by engaging in leveled piano tasks focused on music notation, lead sheets, and improvisation, as well as through three projects using the web-based platform Bandlab. These projects involve a drum machine, MIDI instruments, and voice recording, while also teaching them to connect audio equipment and keyboards for recording and editing.

STEM

This curriculum framework is designed to foster inquiry-based learning and hands-on exploration across all STEM disciplines—Science, Technology, Engineering, and Mathematics—through age-appropriate content, skills development, and real-world applications. The curriculum emphasizes the following key STEM standards:

Grade Level	Core Course Description
PK-5	<ol style="list-style-type: none">STEM.1: Ask questions and define problems by using descriptive questions that can be tested to determine qualitative relationships.STEM.2: Uses, develops, and revises models to represent concrete events or design solutions.

3. STEM.4: Uses counting and numbers to identify and describe patterns in the natural and designed world.
 4. Introduction to 3D design principles.
- The curriculum is scaffolded from PreK through Grade 5, allowing for increased complexity and deeper understanding as scholars progress.

Library / Media

The AASL standards outline a library curriculum for Pre-K to 5th grade that enhances student learning and literacy by promoting information literacy, a passion for reading, and essential research and technology skills, aligned with the domains of Think, Create, Share, and Grow.

Grade Level

Core Course Description

PK-2

1. Building a foundation for literacy
2. Introduction to library spaces and skills
3. Developing inquiry skills
4. Building research skills

3-5

1. Developing critical thinking skills
2. Independent reading and comprehension
3. Advanced research skills
4. Digital literacy and citizenship

General Library Skills for All Grades:

1. **Information Literacy:** Understanding how to access, evaluate, and use information ethically.
2. **Technology Use:** Introducing scholars to digital resources and tools for learning and creativity (e.g., e-books, online databases, educational software).
3. **Reading and Book Appreciation:** Fostering a love of reading through diverse genres, themes, and authors.
4. **Collaboration and Communication:** Encouraging scholars to work together, share ideas, and present information effectively.

Physical Education

Grade Level

Core Course Description

K-2

Scholars will enhance foundational motor skills through coordination, balance, and spatial awareness activities, including running, jumping, throwing, and catching, while promoting teamwork, sportsmanship, and the significance of physical activity for a healthy lifestyle.

3-5	Scholars will enhance their physical skills through complex activities like team sports and fitness exercises, focusing on strategic thinking, goal-setting, collaboration, and understanding the role of physical fitness in overall well-being and social-emotional development.
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Health

The elementary health education curriculum aims to promote healthy behaviors and informed decision-making among scholars regarding their physical, mental, and social well-being. Aligned with national and state standards, it covers key topics by the end of fifth grade, including personal hygiene, oral care, physical activity, nutrition, sleep, cardiovascular and respiratory health, mental wellness, puberty, and goal setting.

Grade Level	Core Course Description
PK-1	Scholars will be introduced to health promoting concepts, strategies, and lifelong wellness activities. Lessons are conducted to provide a safe introduction and preliminary practice of health and wellness concepts.
2-3	Scholars will begin to put health education concepts into practice. Particularly they will be asked to demonstrate, recreate or show what they know in a variety of ways.
4-5	Scholars will be asked to work on goal setting, evaluate best practices for health promoting activities, and demonstrate their knowledge. Puberty will also be discussed in this grade group.

Orchestra

The orchestra program offers a comprehensive music education focused on instrumental technique, ensemble playing, and musicianship, aligned with the 2014 National Standards for Music Education to promote individual growth and collaborative skills.

Grade Level	Core Course Description
3-5	Scholars learn the fundamentals of instrumental technique—such as posture, sound production, bowing, fingering, and music reading—while exploring melodies, scales, and rhythms in ensemble performance.