Respect

All aspects of life at Springdale reflect an immense sense of respect. This begins with a student’s respect for himself and his peers while at work and at play. This includes respect for elders, whether faculty, administration, and other school professionals or those outside of the school walls, like interscholastic opponents, family members and others in the community.

Lifelong Learning

As our students build on what they learn each day, they become lifelong learners who take every opportunity to advance their minds. They are taught to be inquisitive, take academic risks and seek solutions. They understand that learning never ends and they are prepared to learn for a lifetime, at Springdale, in college and in their adult lives.

Innovation

Students at Springdale Preparatory School become innovators. They don’t just hear about learning, they experience it. Transformational learning lets students recreate moments in history or make models to demonstrate theories. It’s this innovative model that enables all students to be thinkers and doers as they develop their own revolutionary ways to build a better world.
# Table of Contents

## Middle School Courses

### English
- English 5
- English 6
- English 7
- 19th Century American Literature

### Math
- Math 5
- Math 6
- Math 7
- Algebra I

### History, Citizenship, and Government
- U.S. Presidents, 5th
- Ancient Cultures, 6th
- Global Imperialism Since 1492, 7th
- Anthropology, 8th
- Global Philanthropic Studies, 8th (service elective)

### Science/Engineering
- Environmental Stewardship, 5th
- Comprehensive Robotics, 6th
- Hydrology, 7th
- Clean Energy Innovation, 8th

### Wellness
- Physical Education, 5th
- Physical Education, 6th
- Physical Education and Mindfulness, 7th (semester courses)
- Mindfulness, 8th

### Arts
- Performing Arts (5th and 7th)
- Visual Arts (6th and 8th)
HIGH SCHOOL COURSES

ENGLISH ......................................................................................................................................................................11
Scholarly Writing and Research, 9th
Poetry Immersion, 10th
American Literature, 11th
Honors World Literature, 12th

SCIENCE .......................................................................................................................................................................11
Organisms & Functions, 9th
Biology, 10th
Chemistry, 11th
Honors Physics, 12th
Biology & Environmental Laboratory
Robotics & Engineering Laboratory

HISTORY, CITIZENSHIP, AND GOVERNMENT...................................................................................................12
World History, 9th
American Civil Rights, 10th
United States History, Junior Workforce Internship, and Capstone Service Project, 11th
Government, 12th (semester course)
Economics, 12th (semester course)

MATH .............................................................................................................................................................................13
Algebra I or Geometry (placement based on transcripts), 9th
Geometry or Algebra II (placement based on transcripts), 10th
Algebra II or Higher Level (placement based on transcripts), 11th
Pre-Calculus, Calculus, or Honors Statistics (placement based on pre-assessment and Honors Application), 12th
Finance and Mathematics Laboratory
Computer Science and Database System Laboratory

WORLD LANGUAGES..................................................................................................................................................13
Spanish, Mandarin, or French I, 9th
Spanish, Mandarin, or French II, 10th
Spanish, Mandarin, or French III (honors), 11th
Spanish, Mandarin, or French IV (honors), 12th

WELLNESS ..................................................................................................................................................................14
Mindfulness or Physical Fitness, 9th
Mindfulness and Health, 10th (semester courses)
Life Planning and Fitness, 11th
Life Planning and Fitness, 12th

ARTS ............................................................................................................................................................................14
Performing Arts
Visual Arts

ELECTIVES ...............................................................................................................................................................15

COLLEGE SEMINAR GRADES 8, 9, 10, AND 11 .................................................................................................15

SPS HONORS ACADEMY .................................................................................................................................15

ADVANCED PLACEMENT OFFERINGS ..............................................................................................................15
ENGLISH

ENGLISH 5- Students will review the fundamentals of written communication to include: correct punctuation, juxtaposition of dependent and independent clauses, comma placement, cursive writing, handwriting, effective notetaking and note sharing strategies, creating "thank you" letters in lieu of electronic communication for significant occasions, spelling, vocabulary, and paragraph development.

ENGLISH 6- During the first semester of English 6, students will review and demonstrate mastery of all skills introduced in English 5. Each new student who did not participate in English 5 will take an entrance level English skills assessment so that learning facilitators may better serve her or him. During the second semester of English 6, learners will practice scholarly research writing while they learn to use credible online and primary sources.

ENGLISH 7- Learners will prepare for college and careers through a study of critical thinking, strong written and verbal communication, and information fact gathering. Learners will repetitively practice listening skills, peer review, language skills, vocabulary, and research skills. Additionally, learners will thoroughly explore the art of public speaking during the second semester.

19TH CENTURY AMERICAN LITERATURE- Ida B. Wells-Barnett, Henry David Thoreau, Mark Twain, Frederick Douglass, Thomas Jefferson (later years), Susan B. Anthony, Harriet Beecher Stowe, Booker T. Washington, Joshua Lawrence Chamberlain, Robert E. Lee, and many more distinguished authors and leaders serve as tour guides on an unpredictable journey that was 19th century America.

MATH

MATH 5- Within the framework of project-based, collaborative learning, students supportively challenge one another to master decimals, fractions, measurements, functions and patterns. Learning facilitators coach growth among peer groups as needed with pre- and post-class tutorials.

MATH 6- Learners will review prior learned math skills from place value to rounding and estimating. They will also cover higher level fractions and decimal use. They will then move on to problem-solving strategies, logic, perimeter, area and volume and transition into geometric principles.

MATH 7- Learners will develop an understanding of proportional relationships, rational, and irrational numbers. They will solve linear equations and expressions. Additionally, learners will solve problems for area, volume, congruence, similarity, angles, sums, and exterior angle theorems.

ALGEBRA I- Learners will cover rational quantities, absolute value, the Pythagorean Theorem using rational and irrational numbers, patterns, radicals, linear equations, quadratic equations, exponents, and word problems. Students will begin to learn to interpret categorical and quantitative data.
Middle School Courses

History, Citizenship & Government

U.S. Presidents- Join our immersion into significant social, economic, political, and diplomatic factors that have driven American presidents since 1789. Topics include, but are not limited to: conflict and war, the political use of American fear, Native Americans, boom, recession, the American president and judicial branch, civil rights since 1866, vetoes and pocket vetoes, and first families in the White House.

Ancient Cultures- Through Google classroom technology, ancient literature, and primary sources, lifelong learners will engage in Greek and Roman literature, ancient religions, ancient Mesopotamia, ancient Egyptian civilization, and classical mythology.

Global Imperialism Since 1492- Learners explore with European conquistadores and pioneers to better comprehend the roots of 15th century imperialism, triumph and defeat of global empires, the imperialistic aspirations of American presidents in the late 19th century, Theodore Roosevelt, his “bully pulpit,” and “big stick diplomacy,” the Roosevelt Corollary to the Monroe Doctrine, the rise of world powers until 1945, and examination of modern day countries' post-colonial liberation.

Anthropology- Students will read and be exposed to literature such as: Wringer by Jerry Spinelli, Bud, Not Buddy by Christopher Paul Curtis, and Diary of a Young Girl by Anne Frank as well as documentaries to expose them to new ideas and sharpen cultural awareness. Additionally, learners will explore their distinct family backgrounds in collaboration teams using genealogy to better shape their learning context of global cultural connectedness.

Global Philanthropic Studies- This introspective course will encourage our learning community to examine case studies of how human goodness and generosity have nurtured societies worldwide. The course will analyze human giving since 1700 individually and corporately. Learners will form collaborative philanthropic groups and improve the quality of life in our world by contributing time and talent to global causes of their collective interest.

Science & Engineering

Environmental Stewardship- Learning facilitators collaborate with students to better understand sustainability, environment and society, natural disasters and environmentally friendly responses, research and the environment, populations, communities, and ecosystems.

Comprehensive Robotics- Topics include, but are not limited to, drone career introduction, industrial robotics, virtual engineering, and aquatic robots. The course has four units throughout the school year. Robotics is fueled by student passions and will soar as far as their 21st century minds will go.
HYDROLOGY - Learners will explore the water cycle, ground surface infiltration, and the effects of biodegradable wastes on dissolved oxygen. Additionally, they will cover mapping watersheds, earth water distribution, and consumption. Finally, life in wetlands, ponds, forest streams, and lagoons will culminate their spring semester analysis.

CLEAN ENERGY INNOVATION - As responsible stewards of our environment, young scientists examine, review, and propose innovative clean energy solutions for our planet in their collaborative, yearlong thesis projects. This course is a continuation of the Environmental Stewardship in Grade 5.

WELLNESS

PHYSICAL EDUCATION - Physical Education promotes all aspects of healthy living among our learners. Lessons include, but are not limited to: sufficient rest for one’s body, the effectiveness of the 24-hour hydration cycle, proper diet, monitoring electronic activity, substance awareness, introduction to sports, flag football, kickball, dodgeball, and simple methods to add movement to one’s day.

MINDFULNESS will introduce learners to a simple, yet powerful, approach to dealing with stressful situations, negative thoughts, and difficult emotions. Additionally, they will learn breathing techniques, exercises designed to transform habitual ways of thinking about and reacting to stress, and a variety of simple and brief meditative practices that can be readily incorporated into daily life. Additionally, each student will learn how to disconnect from electronics and social media in a healthy manner for at least 60 minutes each day to better connect to her or his individuality, set monthly personal goals, and to engage our broader world.

ARTS

Our performing and visual arts offerings for middle school students include courses in one-act vignettes, a cappella voice, gospel choir, band, instrumental music for mastery, theater, fashion design, pottery, sculpture, painting, sketching, global art studies, film and video production.

Hydrology - Learners will explore the water cycle, ground surface infiltration, and the effects of biodegradable wastes on dissolved oxygen. Additionally, they will cover mapping watersheds, earth water distribution, and consumption. Finally, life in wetlands, ponds, forest streams, and lagoons will culminate their spring semester analysis.

Clean Energy Innovation - As responsible stewards of our environment, young scientists examine, review, and propose innovative clean energy solutions for our planet in their collaborative, yearlong thesis projects. This course is a continuation of the Environmental Stewardship in Grade 5.

Wellness

Physical Education - Physical Education promotes all aspects of healthy living among our learners. Lessons include, but are not limited to: sufficient rest for one’s body, the effectiveness of the 24-hour hydration cycle, proper diet, monitoring electronic activity, substance awareness, introduction to sports, flag football, kickball, dodgeball, and simple methods to add movement to one’s day.

Mindfulness will introduce learners to a simple, yet powerful, approach to dealing with stressful situations, negative thoughts, and difficult emotions. Additionally, they will learn breathing techniques, exercises designed to transform habitual ways of thinking about and reacting to stress, and a variety of simple and brief meditative practices that can be readily incorporated into daily life. Additionally, each student will learn how to disconnect from electronics and social media in a healthy manner for at least 60 minutes each day to better connect to her or his individuality, set monthly personal goals, and to engage our broader world.

Arts

Our performing and visual arts offerings for middle school students include courses in one-act vignettes, a cappella voice, gospel choir, band, instrumental music for mastery, theater, fashion design, pottery, sculpture, painting, sketching, global art studies, film and video production.
HIGH SCHOOL COURSES

ENGLISH

**Scholarly Writing & Research** – This course is a college-level writing workshop designed to build essay composition skills and review the practice of writing for academic purposes. The course introduces basic research and writing skills including: conducting research, note taking, paraphrasing, summary, quotation, positioning, and a juxtaposition of MLA and APA style citation. Scholarly Writing & Research will place equal or greater emphasis on micro-level composition skills such as: essay structure, paragraph structure, coherence, and unity while reinforcing micro-level skills such as sentence structure, grammar, vocabulary, and spelling.

**Poetry Immersion** – This course will acquaint our students with diverse works in poetry and fiction:

- To provide a learning atmosphere that encourages critical thinking, as the students encounter new poems, short stories and novels.
- To present a melting pot of authors and works, to afford students a widened and deepened perspective on the themes which literature makes available.
- To offer opportunities to not only read the works but to write originally and creatively in response to them.
- To promote an understanding of how the themes and situations in poems, short stories and novels have interdisciplinary connections.
- To allow them the intellectual autonomy to recognize that the themes of literature are, first, the themes of life.
- To emphasize the value of the creative process.

**American Literature** – Learners engage writings of American authors and challenge one another in order to master a deeper understanding of U.S. culture, law, government, populism, economics, triumphs, tragedies, and protests from 1619 to 2017.

**Biology** – Serves as an introduction to the basic principles of modern research, including bio macromolecules, bioenergetics, cell structure, genetics, homeostasis, evolution, and ecological relationships. Through weekly immersion laboratory analysis, students collaboratively master concepts that are introduced during daily seminars.

**Chemistry** – Students explore the fundamental principles of chemistry, which characterize the properties of matter and how it reacts. Topics include, but are not limited to: measurement, atomic structure, electron configuration, the periodic table, gas laws, properties of liquids and solids, solutions, reactions, kinetics, equilibrium, acids and bases, and nuclear chemistry.

**Honors World Literature** – This is a buffet course in literary genres of many periods throughout world history. Learners will develop the ability to consider structure, style, and themes of diverse authors globally. As well, figurative language, imagery, symbolism and tone are an intense focus. Students will study a wide range of vocabulary, a variety of sentence structures, logical organization, and an effective use of rhetoric, consistent voice, and use of parallelism and antithesis.
High School Courses

HONORS PHYSICS - Learners explore kinematics, forces, energy, momentum, rotational kinematics, torque, angular momentum, simple harmonic motion, and mechanical waves. Additionally, they examine selected theories and laws of classical and modern physics from evolution through hypotheses and functional relationships.

BIOLOGY AND ENVIRONMENTAL LABORATORY
The Biology and Environmental Engineering Laboratory is equipped with chemical laboratory equipment and advanced detection equipment to enable students to understand the application of chemistry, biology and engineering in the environment. The laboratory program aims to cultivate awareness of global environmental issues and train students to make the Earth a better place to live for generations to come.

ROBOTICS & ENGINEERING LABORATORY
Springdale Preparatory leaders have created a new laboratory concept, Fablab, to combine new challenging methods in robotics and engineering to stimulate students’ creativity ability. The laboratory is equipped with the latest 3D technology to enable integration from different disciplines. Project-based learning offers the ability to expand mathematical tools, cross-field training, problem-solving skills, teamwork, and innovative skills.

UNITED STATES HISTORY - Learners will journey thematically through United States history to better grasp recurring concepts since the 16th century. Themes include, but are not limited to: “Nativism Again?”, civil rights, women and leadership since 1619, Native Americans, poverty and presidential policy, from isolationism to diplomacy, conflict, before they were presidents, and constitutional challenges.

U.S. GOVERNMENT (.5 CREDIT SEMESTER COURSE) - In this course, learners apply knowledge gained in previous years of study to pursue a deeper understanding of the institution of American government. In addition, they draw on their studies of world and American history, geography and other societies to compare differences and similarities in world governmental systems today. This course is the culmination of history/social sciences classes to prepare students to solve society’s problems, to understand and to participate in the governmental process, and to be a responsible citizen of the United States and the world.

ECONOMICS (.5 CREDIT SEMESTER COURSE)
The objective of a high school economics course is for learners to master fundamental economic concepts, appreciate how the principal concepts of economics relate to each other and understand the structure of economic systems. Learners will use economic concepts in a reasoned, careful manner in dealing with personal, community, national and global economic issues. They will use measurement concepts and methods such as tables, charts, graphs, ratios, percentages and index numbers to understand and interpret relevant data. Learning facilitators will encourage students to make reasoned decisions on economics.
Math & Computer Science

Geometry - This proof-based geometry course covers concepts typically offered in a full-year honors geometry course. To supplement the lessons in the textbook, videos, online interactives, assessments, and projects provide students an opportunity to develop mathematical reasoning, critical thinking skills, and problem-solving techniques to investigate and explore geometry.

Algebra II - Learners will develop advanced algebra skills such as systems of equations and inequalities, functions, advanced polynomials and factoring, imaginary and complex numbers, quadratics, logarithmic and exponential relationships, vectors, and probability and statistics. In addition, students are introduced to the study of trigonometric functions as well as matrices and their properties.

Pre-Calculus, Calculus, or Honors Statistics - In preparation for their collegiate studies, learners who place in trigonometry, calculus, or statistics during their senior year will work with a learning facilitator on Mondays, Wednesdays, and Fridays. Additionally, they will complete their coursework via independent study on Tuesdays and Thursdays in the Student Center during their assigned math class period.

Finance & Mathematics Laboratory - This provides an in-depth, hands-on laboratory experience for our future economic and financial leaders. The laboratory’s hands-on applications simulate the stock, futures, and bonds in different trading conditions as students study the peaks and valleys of the market over time. Field trip opportunities offer visits to high technological companies in this industry.

Computer Science & Database System Laboratory - The Biology and Environmental Engineering Laboratory is equipped with chemical laboratory equipment and advanced detection equipment to enable students to understand the application of chemistry, biology, and engineering in the environment. The laboratory program aims to cultivate awareness of global environmental issues and train students to make the earth a better place to live for generations to come.

World Languages

In accordance with our mission, students connect to humanity and respect all cultures. Therefore, our learners live the distinct culture of each language learned through simulation, dialogue, travel, video call peer chats globally, and much, much more! Springdale Prep will offer Spanish, Mandarin, French, and Arabic. In years three and four of each world language offered, students will spend significant time abroad to pursue mastery of a country’s respective tongue, immersion of culture, and experience government.

Spanish I, II, III, IV
Mandarin I, II, III, IV
French I, II, III, IV
Arabic I, II, III, IV
Elective Offerings

At Springdale Prep, our electives will stretch, inspire, encourage, captivate, and challenge students as they think critically and grow into creators in our 21st Century world. Moreover, the purpose of our a la carte elective offerings is to send well-rounded young adult servant leaders into global society.

Elective offerings include, but are not limited to: ethical case studies, pre-law, personal finance, accounting, cybersecurity, psychology, aerospace engineering, 21st century entrepreneurship, animation design, political science, American diplomacy since 2001, leadership studies, the science of philanthropy, device repair, gaming development, and journalism.
SPS Honors Academy

In the ninth grade, each student and family has the opportunity to choose to apply to Springdale Prep’s Honor Academy. This progressive model of full student growth combines academic excellence, servant leadership at SPS and in our world, student governance, and monthly collaboration and engagement with Springdale Prep’s Administrative Leadership & Innovation Team. Eligible applicants for SPS Honors Academy must successfully complete all assigned class projects, be punctual to each class, have had no incidents of bullying at Springdale Prep, maintain high level of respect of self and others, and commit 30 hours annually to community service in Carroll County, their home state, or their home nation.

Dual Enrollment

Students in 11th and 12th grade who are interested in exploring dual enrollment courses at Carroll Community College or McDaniel College should make an appointment with the Dean of Curriculum & Instruction to discuss application procedures and standards.

College Seminar

At Springdale Prep, students begin the college process in middle school. As a result, the College Seminar begins in Grade 8 and culminates in Grade 11. We believe in advanced preparation in all student endeavors, and senior students will alleviate many worries typically associated with their final year of high school due to advanced life planning and vision.

Advanced Placement Offerings

AP offerings include, but are not limited to: AP Calculus AB, AP Statistics, AP European History, AP United States History, AP Art History, AP Music Theory, AP Studio Art 3D Design.
English 5-
Students will review the fundamentals of written communication to include: correct punctuation, juxtaposition of dependent and independent clauses, comma placement, cursive writing, handwriting, effective notetaking and note sharing strategies, creating “thank you” letters in lieu of electronic communication for significant occasions, spelling, vocabulary, and paragraph development.

English 6-
During the first semester of English 6, students will review and demonstrate mastery of all skills introduced in English 5. Each new student who did not participate in English 5 will take an entrance level English skills assessment so that learning facilitators may better serve her or him. During the second semester of English 6, learners will practice scholarly research writing while they learn to use credible online and primary sources.

English 7-
Learners will prepare for college and careers through a study of critical thinking, strong written and verbal communication, and information fact gathering. Learners will repetitively practice listening skills, peer review, language skills, vocabulary, and research skills. Additionally, learners will thoroughly explore the art of public speaking during the second semester.

19th Century American Literature-
Ida B. Wells-Barnett, Henry David Thoreau, Mark Twain, Frederick Douglass, Thomas Jefferson (later years), Susan B. Anthony, Harriet Beecher Stowe, Booker T. Washington, Joshua Lawrence Chamberlain, Robert E. Lee, and many more distinguished authors and leaders serve as tour guides on an unpredictable journey that was 19th century America.

Math 5-
Within the framework of project-based, collaborative learning, students supportively challenge one another to master decimals, fractions, measurements, functions and patterns. Learning facilitators coach growth among peer groups as needed with pre- and post-class tutorials.

Math 6-
Learners will review prior learned math skills from place value to rounding and estimating. They will also cover higher level fractions and decimal use. They will then move on to problem-solving strategies, logic, perimeter, area and volume and transition into geometric principles.

Math 7-
Learners will develop an understanding of proportional relationships, rational, and irrational numbers. They will solve linear equations and expressions. Additionally, learners will solve problems for area, volume, congruence, similarity, angles, sums, and exterior angle theorems.

Algebra I-
Learners will cover rational quantities, absolute value, the Pythagorean Theorem using rational and irrational numbers, patterns, radicals, linear equations, quadratic equations, exponents, and word problems. Students will begin to learn to interpret categorical and quantitative data.