ROCS.ORG
Free K-12 Online School

2026-2027
Student Learning Guide
&
Course Catalog

Flexible Learning - Meaningful Relationships - Purposeful Growth

Partnered with Eminence R-1 School District

Welcome to ROCS!

Learning should fit the student - not require every student to fit the same model.

At ROCS, we believe every student deserves an education that recognizes their unique strengths, interests, goals, and learning journey. Whether a student is seeking flexibility, academic exploration, additional support, or an alternative pathway to graduation, our mission is to provide a personalized learning experience that prepares them for lifelong success.

Our students learn through high-quality online curriculum enhanced by meaningful relationships with Missouri-certified teachers, Student Success Coaches, and supportive families. Every course combines self-paced instruction with weekly teacher engagement, real-world learning experiences, and individualized feedback through the ROCS Weekly Learning Cycle.

We believe education extends beyond completing assignments. Our goal is to cultivate curiosity, responsibility, character, and confidence while helping students discover their purpose and prepare for college, careers, military service, and life.

This Learning Guide provides an overview of the academic opportunities, support services, graduation pathways, and course offerings available through ROCS. We hope it helps your family explore the many ways ROCS can support your student's educational journey.

We are honored to partner with families across Missouri and look forward to celebrating each student's growth and success.

Welcome to ROCS—we're glad you're here.

Brian Foerster
Virtual Principal
ROCS-Missouri
brian.foerster@rocs.org

Andrea Foerster
Director of Student Experience
ROCS-Missouri
andrea.foerster@rocs.org

Our Mission

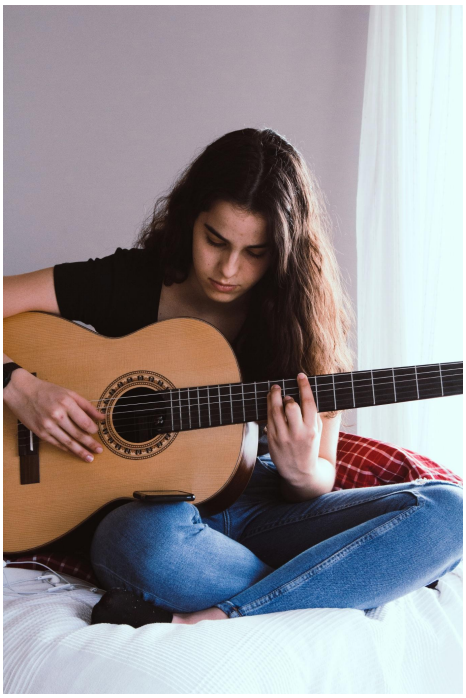
To provide a flexible, individualized education that empowers every student to learn with confidence, grow with purpose, and prepare for success in college, career, and life.

ROCS partners with families to create meaningful learning experiences that recognize each student's unique strengths, interests, and goals. Through high-quality instruction, caring educators, and personalized support, we help students reach their full potential while developing the knowledge, skills, and character needed for lifelong success.

Our Vision

We envision a learning community where every student is known, supported, and challenged to grow.

ROCS strives to redefine virtual education by combining the flexibility of online learning with meaningful teacher relationships, innovative instructional practices, and authentic learning experiences that prepare students to thrive in an ever-changing world.



Our Core Beliefs

💙 Every student can succeed with the right support.

🌱 Learning should be personalized to each student's strengths and goals.

🤝 Strong relationships are the foundation of meaningful learning.

🌎 Education should connect to real life.

🎓 Success is measured by growth, character, and preparation for the future.

Why Families Choose ROCS

Every student's educational journey is unique.

ROCS provides a flexible learning environment where students can thrive academically while pursuing their individual goals, interests, and passions.

🎯 Personalized Learning

Students progress through coursework at a pace that meets their individual needs while receiving support from Missouri-certified teachers and Student Success Coaches.

🤝 Meaningful Relationships

Students are more than a number. Teachers, Success Coaches, and families work together to encourage academic growth, build confidence, and celebrate success.

📽️ Connected Learning

Every course combines self-paced instruction with weekly teacher videos, authentic learning activities, optional live learning experiences, and individualized feedback through the ROCS Weekly Learning Cycle.

🎓 College & Career Ready

Students prepare for life beyond high school through graduation planning, career exploration, dual enrollment opportunities, A+ programming (pending approval), work-based learning, and individualized college and career planning.

🌎 Learn Anywhere

Whether learning from home, while traveling, participating in athletics, pursuing the arts, managing health needs, or balancing work and family responsibilities, students have the flexibility to learn wherever life takes them.

⭐ A School Community That Cares

ROCS intentionally builds relationships through Homerooms, Student Success Coaches, teacher communication, and optional live experiences that help students stay connected and engaged throughout the school year.

At ROCS, we believe learning should inspire curiosity, foster meaningful relationships, and prepare every student to discover their purpose and pursue their future with confidence.

The ROCS Weekly Learning Cycle

🎥

Engage

Every week begins with a teacher-created video that introduces new concepts, sets learning goals, and encourages students for the week ahead.

📚

Explore

Students complete engaging self-paced lessons using high-quality online curriculum designed to build knowledge and understanding. Students work towards a weekly minimum achievement goal of 3% progress toward completion of each course.

🌎

Expand

Students apply learning through hands-on projects, family activities, real-world investigations, or creative challenges.

💬

Connect

Students have opportunities to participate in optional live learning experiences, office hours, and teacher support scheduled weekly.

✅

Reflect & Grow

Teachers provide meaningful feedback while students celebrate accomplishments, monitor progress, and prepare for continued success.

A Day in the Life of a ROCS Student

Emma - Grade 5

8:00 AM Breakfast & Personal Time

9:00 AM ROCS Virtual School Work

11:00 AM Piano Lesson

12:00 PM Lunch & Outdoor Time

1:30 PM Independent Reading

2:00 PM Live Science Lesson with ROCS Teacher

3:00 PM ROCS Virtual School Work if needed

4:00 PM Leave for Gymnastics Class

These schedules represent the unique flexibility available to ROCS students. Individual student schedules may vary.

Mason - Grade 11

9:00 AM Breakfast & Personal Time

10:00 AM ROCS Virtual School Work

12:30 PM Lunch

1:00 PM Internship on Family Farm

4:00 PM Basketball Practice

6:00 PM Dinner

7:00 PM Live Study Session - Chemistry Class

8:00 PM ROCS Virtual School Work if needed

A ROCS Student's Journey

Discover ROCS
Complete the simple enrollment process to get started!

↓

Meet Your Success Coach
Every student is matched with a Missouri certified teacher as a primary learning guide.

↓

Choose Courses
ROCS offers a comprehensive program of courses to meet diverse student needs.

↓

Weekly Learning Cycle
Students experience a connected and predictable set of learning activities each school week.

↓

Progress Monitoring
Regular and timely feedback gives families needed resources and information to best support each student.

↓

College & Career Planning
High School students have access to myriad resources for exploring future careers and college opportunities.

↓

Graduate
ROCS Graduates celebrate their accomplishments at an in-person graduation ceremony before embarking on the next phase of their life journey.

College & Career Readiness

Discover Your Path. Build Your Future.

At ROCS, college and career readiness is more than a graduation requirement—it is a journey of self-discovery, exploration, and preparation. Beginning in middle school and continuing through graduation, students participate in a structured planning process that helps them identify their strengths, interests, and goals while preparing for life beyond high school.

Through career exploration, individualized planning, real-world experiences, and postsecondary opportunities, ROCS equips students with the knowledge and confidence to pursue college, technical education, military service, apprenticeships, or direct entry into the workforce.

The ROCS College & Career Pathway

Grade 8

Explore Your Interests

Students begin their Individual Career & Academic Plan (ICAP) through the **Investigating Careers** course. They explore career clusters, complete career interest inventories, identify personal strengths, and begin developing an individualized plan that will guide course selections and postsecondary planning throughout high school.

Grades 9–10

Build Your Foundation

Students continue to develop their ICAP while completing graduation requirements and exploring career pathways through electives, academic planning, service opportunities, and conversations with teachers, counselors, and Student Success Coaches.

Grades 11–12

Prepare for Your Future

Students refine their postsecondary plans through college exploration, scholarship searches, financial literacy, career experiences, resume development, interview preparation, and transition planning while completing graduation requirements.

Opportunities Beyond the Classroom

⭐ A+ Schools Program *(Pending DESE Approval)*

ROCS is pursuing designation as an official Missouri A+ School. Once approved, eligible graduates may qualify for tuition assistance at participating Missouri community colleges and technical schools by meeting state-established requirements for attendance, academic performance, citizenship, and tutoring or mentoring service.

🎓 Dual Enrollment

Qualified students may earn both high school and college credit by enrolling in approved dual enrollment courses through participating colleges and universities. Dual enrollment allows students to experience college-level coursework while reducing the time and cost required to complete a postsecondary degree.

💼 Work-Based Learning

Through the ROCS School Flex Program, eligible students may earn elective credit while participating in approved employment, internships, apprenticeships, entrepreneurship, or career experiences. Students connect classroom learning with real-world skills while exploring future career interests.

🤝 Community Service & Volunteer Learning

ROCS encourages students to become active contributors to their communities through volunteer service. Students may earn elective credit through approved community service experiences while developing leadership, responsibility, civic engagement, and workplace skills.

📚 CLEP & Credit by Examination

Students seeking additional academic challenge may pursue College-Level Examination Program (CLEP) assessments to demonstrate mastery of college-level content. Successful CLEP scores may provide opportunities to earn college credit and accelerate progress toward postsecondary goals at participating institutions.

🎯 College & Career Readiness

During the senior year, students complete the **College & Career Readiness** course, which focuses on preparing for life after graduation. Topics include:

- Career exploration
- College applications
- FAFSA completion
- Scholarships and financial aid
- Resume writing
- Interview skills
- Workplace professionalism
- Personal finance
- Goal setting and transition planning

The course is designed to ensure every ROCS graduate leaves high school with a clear postsecondary plan and the practical skills needed for future success.

ROCS ACADEMIC PROGRAMS

Personalized learning pathways designed to help every student discover their strengths, pursue their interests, and prepare for the future.

Course Overview by Grade Level

Elementary Courses (K-5)

Core Academics

Music

Art

Physical Education

Reading Enrichment

Family Learning Activities

Community Engagement

Middle School Courses (6-8)

Core Academics

MS Spanish

MS Health

Investigating Careers

MS Computer Science I, II, III

Family Learning Activities

Community Engagement

High School Core Courses

English I, II, III, IV

Mathematics

Science

Social Studies

Fine Arts (Music & Art)

Practical Arts (Business)

Physical Education

Health

Personal Finance

College & Career Readiness

Public Speaking

High School Elective Courses

Computer Science

Business/Accounting

Spanish

American Sign Language

Photography

Psychology

Community Service/A+ Tutoring

Work Release Experience

Dual Enrollment/Credit by Exam

Elementary School (K–5)

Growing Curious Learners

Elementary students build strong academic foundations while developing curiosity, creativity, confidence, and a love of learning.

Core Subjects

📖 English Language Arts

➗ Mathematics

🔬 Science

🌎 Social Studies

Enrichment

🎨 Art

🎵 Music

🏃 Physical Education

💻 Technology

Student Support

⭐ Success Coaches

📚 Reading Clubs

👩‍🏫 Certified Teachers

🤝 Family Partnerships

The ROCS Difference

Every elementary course includes:

- Weekly teacher videos
- Hands-on learning
- Family activities
- Optional live lessons
- Personalized support

Middle School (6–8)

Building Independence

Middle school is where students begin preparing for high school and life beyond the classroom.

Core Academics

ELA

Math

Science

Social Studies

Exploratory Courses

Spanish

Computer Science

Health

Career Exploration

Grade 8 Spotlight

🚀 Investigating Careers

🗂️ Begin the ROCS Future Portfolio

📋 ICAP Planning

🎯 High School Four-Year Plan

High School (9–12)

Preparing for What's Next

ROCS offers flexible pathways that prepare students for college, careers, military service, entrepreneurship, and lifelong learning.

Graduation Requirements

4 ELA Credits: English I, II, III, IV

3 Math Credits: Pre-Algebra, Algebra I, Algebra II, Geometry, Consumer Math, or Foundational Algebra/Geometry

3 Science Credits: Physical Science, Biology, Chemistry, or Environmental Science

3 Social Studies Credits: World History, American History, and American Government/Missouri History

1 Fine Arts Credit: Music Appreciation or Art Appreciation

1 Practical Arts Credit: Principles of Business, Accounting, or Computer Science

2 Lifetime Wellness Credits: Physical Education, Health & Wellness (½ credit), and Personal Finance (½ credit)

Electives

Photography

Psychology

Spanish

American Sign Language

Accounting

Computer Science

Business

Community Service

Public Speaking

College & Career Readiness

Postsecondary Opportunities

⭐ A+ Scholarship Program

🎓 Dual Enrollment

💼 Work-Based Learning

📚 CLEP

🤝 Volunteer Service

🗂️ Future Portfolio

Explore Your Interests

💼 Business & Leadership

Accounting I

Accounting II

Consumer Math

Personal Finance

Public Speaking

Community Service

Peer Tutoring

Work Experience Seminar

🔬 STEM

Biology

Chemistry

Environmental Science

Physical Science

Computer Science

Algebra II

Geometry

🎨 Fine Arts

Art

Music

Music Appreciation

Photography

🌎 Humanities

World History

US History

Government

Psychology

Spanish I & II

American Sign Language

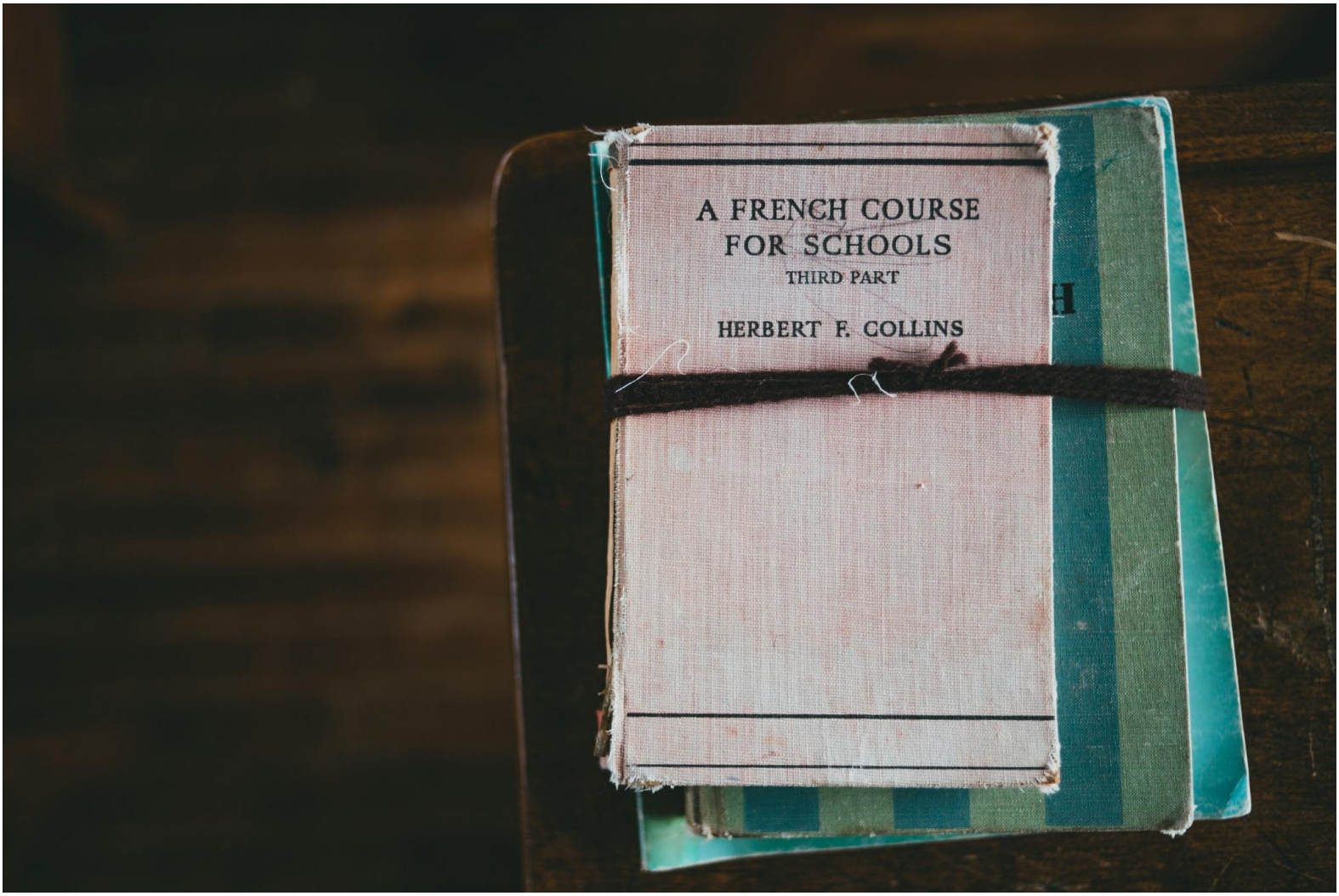
🎓 College & Career

Academic Success

Advisory

College & Career Readiness

ROCS COURSE DESCRIPTIONS



Please note: All elementary and middle school courses are a full-year unless otherwise noted. High school courses marked with A/B are full year courses, and any without are semester courses. Please contact your homeroom teacher or Success Coach for more information about specific course requirements.

Missouri Course Access and Virtual School Program (MOCAP)

Course Descriptions – ROCS - Eminence R-1

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Academic Success

This course equips students with the organizational, study, and learning strategies needed to succeed in a virtual learning environment. Topics include goal setting, time management, communication, note-taking, test preparation, digital citizenship, and self-advocacy.

Academic Program, Off-Campus

This off-campus course allows students to earn academic credit through an approved educational program outside the traditional classroom. Learning experiences are individualized and monitored to ensure alignment with graduation requirements and student learning goals.

Accounting I A/B

Accounting I introduces students to the fundamental principles of financial accounting used by businesses. Topics include the accounting cycle, financial statements, payroll, banking procedures, and business transactions while developing accuracy, organization, and financial literacy skills.

Accounting II A/B

Accounting II builds upon Accounting I by exploring advanced accounting procedures, corporate accounting, managerial accounting, and financial analysis. Students apply accounting principles to more complex business scenarios while preparing for careers in business and finance.

Advisory

Advisory supports students' academic, personal, and career development through goal setting, organization, digital citizenship, social-emotional learning, and postsecondary planning. Students build the skills necessary for success in school and beyond.

Algebra I A/B

Algebra I develops students' understanding of linear equations, functions, inequalities, systems of equations, exponents, polynomials, and quadratic relationships. Students apply mathematical reasoning and problem-solving skills to real-world situations while building a strong foundation for higher-level mathematics. Students successfully completing this course are required to take the Missouri End of Course exam as a graduation requirement.

Algebra I A

Algebra I A introduces foundational algebraic concepts including expressions, equations, inequalities, linear functions, and graphing. Students develop problem-solving strategies while preparing for the second semester of Algebra I.

Algebra I B

Algebra I B continues the study of algebra through systems of equations, exponents, polynomials, quadratic functions, and data analysis. Students apply algebraic reasoning to increasingly complex mathematical problems. Students successfully completing this course are required to take the Missouri End of Course exam as a graduation requirement.

Algebra II A/B

Algebra II expands upon Algebra I concepts through the study of polynomial, exponential, logarithmic, rational, and trigonometric functions. Students strengthen analytical thinking and mathematical modeling skills while preparing for college-level mathematics and STEM pathways.

Art, Grades K-5

This course introduces elementary students to the elements and principles of art through drawing, painting, sculpture, design, and creative expression. Students explore a variety of artistic techniques, famous artists, and cultural traditions while developing creativity, observation, and problem-solving skills.

Biology A/B

Biology provides a comprehensive study of living organisms and the processes of life. Students investigate cell structure and function, genetics, evolution, ecology, human body systems, and scientific inquiry through interactive lessons and real-world applications aligned with the Missouri Learning Standards. Students successfully completing this course are required to take the Missouri End of Course exam as a graduation requirement.

Career Exploration, Off-Campus

This course provides students with opportunities to explore career interests through approved off-campus learning experiences. Students connect classroom learning to real-world careers while developing employability skills, career awareness, workplace readiness, and personal career goals.

Chemistry A/B

Chemistry explores the composition, structure, properties, and interactions of matter. Students investigate atomic theory, chemical reactions, bonding, solutions, acids and bases, and the relationship between chemistry and everyday life through scientific investigation and problem-solving.

College & Career Readiness A/B

This course prepares students for successful transitions beyond high school through career exploration, college planning, financial literacy, resume development, interview skills, workplace readiness, and postsecondary planning.

Community Service

Community Service provides students with opportunities to earn elective credit through approved volunteer service experiences. Students develop leadership, responsibility, civic engagement, and workplace skills while reflecting on the impact of service within their schools and communities.

Computer Science I A/B

Computer Science I introduces students to the foundations of computer science, programming, computational thinking, and digital technologies. Students explore coding concepts, algorithms, cybersecurity, networking, and problem-solving while developing skills applicable to future technology careers.

Consumer Math A/B

Consumer Math develops practical mathematical skills for everyday life. Students apply mathematics to budgeting, banking, credit, taxes, insurance, investments, purchasing decisions, and financial planning while strengthening problem-solving and quantitative reasoning skills.

English Language Arts, Grades K-5

This course develops foundational literacy skills through reading, writing, speaking, listening, language, and vocabulary instruction aligned with the Missouri Learning Standards. Students engage with fiction and nonfiction texts while building comprehension, communication, grammar, and written expression. Students in Grades 3-5 are required to participate in the MAP

Grade-Level ELA tests. Students in Grades K-4 are required to participate in Reading assessments and/or Reading Success Plans as needed throughout the school year.

English Language Arts, Grade 6

Grade 6 English Language Arts strengthens students' reading comprehension, literary analysis, vocabulary, grammar, writing, speaking, and listening skills. Students analyze a variety of literary and informational texts while developing effective communication and critical thinking abilities. Students are required to participate in the MAP Grade 6 ELA test.

English Language Arts, Grade 7

Grade 7 English Language Arts expands students' abilities to analyze literature, evaluate informational texts, conduct research, and communicate effectively through writing and discussion. Instruction emphasizes evidence-based reading and written responses aligned with Missouri Learning Standards. Students are required to participate in the MAP Grade 7 ELA test.

English Language Arts, Grade 8

Grade 8 English Language Arts prepares students for high school coursework through advanced reading comprehension, literary analysis, research, argumentative writing, and language study. Students strengthen communication skills through reading, writing, speaking, and critical thinking activities. Students are required to participate in the MAP Grade 8 ELA test.

English I A/B

English I introduces students to high school literature and composition while developing reading, writing, grammar, vocabulary, speaking, and listening skills. Students analyze a variety of literary genres and informational texts while strengthening written communication and critical thinking. A passing grade in this course is a Missouri requirement for high school graduation.

English II A/B

English II builds upon foundational literacy skills through the study of world literature, informational texts, research, and analytical writing. Students develop effective communication skills while preparing for college, career, and state assessment expectations. A passing grade in

this course is a Missouri requirement for high school graduation. Students are required to take the End of Course exam for English II as a Missouri high school graduation requirement.

English III A/B

English III focuses on American literature and nonfiction while strengthening analytical reading, research, argument writing, vocabulary, and communication skills. Students examine major historical and cultural themes through classic and contemporary texts. A passing grade in this course is a Missouri requirement for high school graduation.

English IV A/B

English IV serves as a capstone English course emphasizing advanced literature, composition, research, technical writing, and communication skills. Students prepare for postsecondary education and the workplace through reading, writing, critical thinking, and real-world applications. A passing grade in this course is a Missouri requirement for high school graduation.

Environmental Science A/B

Environmental Science explores the interactions between humans and the natural world through the study of ecosystems, natural resources, biodiversity, climate, pollution, and environmental stewardship. Students investigate current environmental issues while developing scientific inquiry and problem-solving skills.

Foundational Algebra A/B

Foundational Algebra provides targeted instruction designed to strengthen prerequisite mathematical skills needed for success in Algebra I. Students build fluency with operations, equations, proportional reasoning, functions, and problem-solving while increasing mathematical confidence and readiness.

Foundational Geometry A/B

Foundational Geometry reinforces essential mathematical concepts that prepare students for success in Geometry. Students develop spatial reasoning, measurement, coordinate geometry, basic proofs, and geometric problem-solving skills through guided practice and real-world applications.

Geometry A/B

Geometry develops students' understanding of geometric relationships through the study of points, lines, angles, triangles, polygons, circles, coordinate geometry, transformations, and proofs. Students apply logical reasoning and mathematical thinking to solve real-world and abstract problems.

Health A/B

Health provides students with the knowledge and skills needed to make informed decisions about lifelong wellness. Topics include nutrition, physical activity, mental and emotional health, substance abuse prevention, disease prevention, healthy relationships, safety, and personal responsibility. As a Missouri graduation requirement, students must complete a CPR training component as part of this course.

Math, Grade K-5

This course develops grade-level mathematical understanding through instruction aligned with the Missouri Learning Standards. Students build computational fluency, number sense, measurement, geometry, data analysis, and problem-solving skills using engaging lessons and real-world applications. Students in Grades 3-5 are required to participate in the MAP Grade-Level Math tests.

Math, Grade 6

Grade 6 Mathematics develops students' understanding of ratios, proportional reasoning, fractions, decimals, integers, algebraic expressions, geometry, statistics, and problem-solving. Instruction emphasizes mathematical reasoning and prepares students for advanced middle school mathematics. Students are required to participate in the MAP Grade 6 Math test.

Math, Grade 7

Grade 7 Mathematics expands students' understanding of proportional relationships, equations, inequalities, geometry, probability, and statistics. Students strengthen analytical thinking and apply mathematical concepts to solve increasingly complex real-world problems. Students are required to participate in the MAP Grade 7 Math test.

Math, Grade 8

Grade 8 Mathematics prepares students for high school mathematics through instruction in linear equations, functions, systems of equations, exponents, geometry, and data analysis. Students develop critical thinking and mathematical reasoning skills necessary for Algebra I and beyond. Students are required to participate in the MAP Grade 8 Math test.

Missouri State History

Missouri State History examines the geography, government, economy, culture, and historical development of Missouri from its earliest inhabitants to the present day. Students explore the state's role in local, national, and global events while developing historical thinking and civic understanding. This is a semester course typically taken the same year as American Government.

MS Computer Science I, Grade 6

This course introduces students to the foundations of computer science through coding, computational thinking, digital citizenship, and technology applications. Students develop problem-solving skills while exploring programming concepts, algorithms, and responsible technology use.

MS Computer Science II, Grade 7

This course expands students' knowledge of computer science through programming, data analysis, cybersecurity, networking, and digital problem-solving. Students strengthen computational thinking while applying technology skills to authentic challenges.

MS Computer Science III, Grade 8

This course prepares students for high school computer science by exploring programming, software development, emerging technologies, cybersecurity, and computer systems. Students complete projects that strengthen creativity, collaboration, and analytical thinking.

MS Health, Grade 6-8

Middle School Health helps students develop the knowledge and skills necessary to make healthy decisions during adolescence. Topics include nutrition, physical fitness, emotional

wellness, disease prevention, substance abuse prevention, personal safety, healthy relationships, and responsible decision-making.

MS Investigating Careers, Grade 6-8

This course introduces students to career exploration through interest inventories, career clusters, workplace skills, goal setting, and postsecondary planning. Students begin connecting their personal strengths and interests with future educational and career opportunities. Students will create an Individualized Career and Academic Plan (ICAP) which will guide them through the high school years and graduation requirements.

MS Spanish, Grade 6-8

Middle School Spanish introduces students to basic Spanish vocabulary, grammar, pronunciation, and conversational skills. Students explore Spanish-speaking cultures while developing listening, speaking, reading, and writing skills that prepare them for high school world language study.

Music Appreciation A/B

Music Appreciation explores the history, styles, and cultural influence of music from a variety of time periods and genres. Students develop listening skills while studying composers, musical elements, instruments, and the role of music in society. This course satisfies the Fine Arts graduation requirement.

Music, Grade K-5

Elementary Music introduces students to rhythm, melody, harmony, movement, singing, instruments, and musical creativity. Students develop an appreciation for music while building performance skills and understanding music from diverse cultures and traditions.

Peer Tutoring

Peer Tutoring provides students with opportunities to develop leadership, communication, and instructional skills by assisting peers under teacher supervision. Students strengthen responsibility, collaboration, and interpersonal skills while supporting a positive learning environment.

Personal Finance

Personal Finance equips students with practical financial literacy skills necessary for adult life. Topics include budgeting, banking, saving, investing, credit, insurance, taxes, consumer decision-making, and long-term financial planning. A passing grade in this course is required for high school graduation in the state of Missouri. This is a semester course taken the same year as Public Speaking.

Photography A/B

Photography introduces students to the artistic and technical principles of digital photography. Students explore camera functions, composition, lighting, editing techniques, visual storytelling, and the creative process while developing technical and artistic skills

Physical Education A/B

Physical Education promotes lifelong health and wellness through the study of physical fitness, movement, personal fitness planning, nutrition, and healthy lifestyle choices. Students develop knowledge and habits that encourage regular physical activity and overall well-being. Participation in the Presidential Physical Fitness Exam is a Misosuri state requirement for students in Grade 9. A passing grade in this course is required for high school graduation in the state of Missouri.

Elementary Physical Education, Grade K-5

Elementary Physical Education develops age-appropriate motor skills, physical fitness, teamwork, sportsmanship, and healthy habits through engaging physical activities and movement experiences. Students build confidence while learning the value of lifelong physical activity. Participating in the Presidential Physical Fitness Exam is a Missouri state requirement for students in Grade 5.

Physical Science A/B

Physical Science introduces students to the fundamental principles of chemistry and physics. Topics include matter, energy, motion, forces, electricity, waves, and scientific inquiry. Students apply scientific reasoning to investigate the physical world through real-world examples and problem-solving activities.

Pre-Algebra A/B

Pre-Algebra prepares students for Algebra I by strengthening skills in operations, proportional reasoning, integers, equations, geometry, statistics, and problem-solving. Students develop mathematical confidence while building the foundation necessary for success in higher-level mathematics.

Principles of Business, Marketing, & Finance A/B

This course introduces students to the fundamentals of business, entrepreneurship, marketing, economics, and personal finance. Students explore how businesses operate while developing financial literacy, leadership, communication, and career readiness skills. This course satisfies the Practical Arts graduation requirement.

Psychology A/B

Psychology introduces students to the scientific study of human behavior and mental processes. Students explore topics including brain development, learning, memory, personality, motivation, emotions, psychological disorders, and social behavior while developing critical thinking skills.

Public Speaking

Public Speaking develops effective communication skills through speech preparation, organization, presentation techniques, and audience engagement. Students gain confidence while delivering informative, persuasive, and special occasion speeches for academic and real-world settings. This is a semester course that is taken the same year as Personal Finance.

School Flex Program, Off-Campus

The School Flex Program provides students with individualized learning opportunities through approved off-campus educational experiences. Students may earn credit by participating in supervised work-based learning, internships, career experiences, or other approved educational activities aligned with individualized learning plans.

Spanish I A/B

Spanish I introduces students to the Spanish language through vocabulary development, grammar, pronunciation, conversation, reading, and writing. Students also explore the cultures and traditions of Spanish-speaking countries while developing beginning language proficiency.

Spanish II A/B

Spanish II builds upon foundational language skills through expanded vocabulary, grammar, conversation, reading, and writing. Students develop increased proficiency in Spanish while exploring the history, traditions, and cultures of Spanish-speaking countries.

Science, Grade K-5

Elementary Science introduces students to life, earth, and physical science through hands-on inquiry, observation, and exploration. Students investigate scientific concepts while developing curiosity, critical thinking, and problem-solving skills aligned with the Missouri Learning Standards. Participation in the MAP Grade 5 Science test is required for students in Grade 5.

Science, Grade 6

Grade 6 Science explores scientific concepts through the study of earth science, physical science, life science, engineering, and scientific inquiry. Students investigate the natural world while developing analytical thinking and laboratory skills.

Science, Grade 7

Grade 7 Science expands students' understanding of life science, ecosystems, heredity, matter, energy, and scientific investigation. Students apply scientific reasoning to analyze evidence, solve problems, and understand the relationships within the natural world

Science, Grade 8

Grade 8 Science prepares students for high school science through the study of physical science, earth systems, chemistry, physics, engineering, and scientific inquiry. Students strengthen investigative skills while applying scientific concepts to real-world situations. Participation in the MAP Science Grade 8 exam is required for 8th grade students.

Social Studies, Grade K-5

Elementary Social Studies introduces students to geography, history, civics, economics, and culture while helping them understand their role as informed and responsible citizens. Instruction emphasizes inquiry, historical thinking, and appreciation for diverse communities and perspectives

Social Studies, Grade 6

Grade 6 Social Studies explores world geography, ancient civilizations, cultures, economics, and government. Students examine how geography and historical events have shaped societies throughout history.

Social Studies, Grade 7

Grade 7 Social Studies examines world history, civilizations, cultural development, geography, economics, and government. Students analyze historical events and global connections while developing civic understanding and historical inquiry skills

Social Studies, Grade 8

Grade 8 Social Studies focuses on United States history, government, geography, and civics from the nation's founding through modern America. Students examine the development of democratic principles, constitutional government, and the responsibilities of citizenship.

United States Government

United States Government examines the structure, functions, and principles of the American system of government. Students study the Constitution, branches of government, public policy, elections, civic responsibility, and the role of citizens in a democratic society. This is a semester course that is typically taken the same year as Missouri State History. A passing grade in this course is required in the state of Missouri as a graduation requirement. Students are also required to pass a United States Civics Exam, Missouri Constitution Exam, United States Constitution Exam, and participate in the American Government EOC to satisfy Missouri state graduation requirements.

United States History A/B

United States History provides a comprehensive study of American history from early exploration through the modern era. Students examine major historical events, political developments, economic change, social movements, and the individuals who shaped the nation.

World History A/B

World History explores the development of civilizations from ancient times to the modern world. Students investigate historical events, cultural interactions, political systems, technological advancements, and global perspectives while developing historical thinking and analytical skills.

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Prepared by
ROCS Administration

Website: *www.rocs.org*

Email: *support@rocs.org*

Phone: *(866) 491-ROCS*