

AP CAPSTONE DIPLOMA

- Participating students will catch the eye of colleges and universities
- Rigorous widely recognized diploma program developed by the College Board
- Demonstrates student research and writing abilities through a 5,000-word scholarly research paper
- RCSA is one of the elite schools selected by the College Board to offer this AP Capstone Diploma opportunity

PRE-AP PROGRAM

- This College Board program is designed to give all students the opportunity to learn the foundational knowledge and skills they need to be successful in Advanced Placement and other college-level coursework
- Consistent, high standards in focused courses that help build, strengthen, and reinforce student's content knowledge and skills
- Pre-AP courses provide teachers and students with College Board instructional resources, classroom-based assessments, high-quality professional learning, and focused practice

ADVANCED PLACEMENT (AP) COURSES

RCSA offers variety of AP courses, including: Biology, Chemistry, Physics, US Government, Human Geography, Psychology, US History, Spanish, Computer Science, Environmental Science, Literature and Composition, Language and Composition, Calculus AB/BC, World History, Seminar, Research, Microeconomics.

STEM FOCUSED GIFTED EDUCATION

PROGRAM DESIGN:

- Designed for students who are academically advanced with high intellectual capabilities
- Developed for independent learners who thrive on challenging opportunities with strong problem-solving skills
- A qualitatively different curriculum that meets the needs of gifted learners

DIVERSE & INNOVATIVE ACADEMICS:

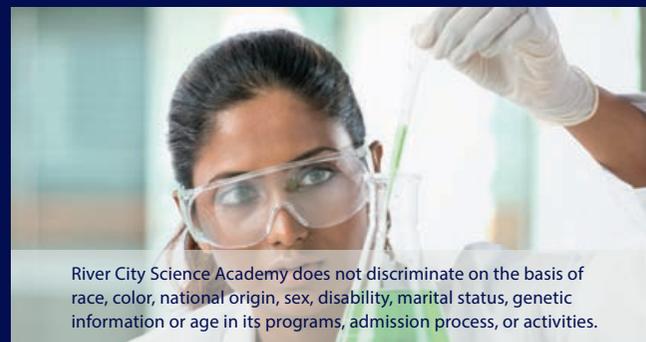
- Designed to develop critical, complex, and creative thinking
- STEM courses are offered allowing talented students to acquire new skills
- Enrichment is available in STEM fields including Math and Science Olympiads

GIFTED & TALENTED EDUCATION (GATE) CURRICULUM:

- Florida Standards core curriculum of English, Math, Science, and Social Studies taught at an advanced level with high expectations
- RCSA is a 'writing-across-the-curriculum' school. Writing is integrated in all classes
- Challenging electives in the STEM field

OPPORTUNITIES:

- Learning environment conducive to developing and expanding areas of giftedness
- Differentiated curriculum for GATE students to expand thinking abilities and independent learning skills
- Advanced Placement (AP) and Dual Enrollment courses for gifted students in high school
- Algebra I, Foreign Language, Biology high school credit in middle school



River City Science Academy does not discriminate on the basis of race, color, national origin, sex, disability, marital status, genetic information or age in its programs, admission process, or activities.



**RIVER CITY
SCIENCE
ACADEMY**
Middle and High School



 **Tuition Free**

 **STEM Focused**

 **Magnet Program**

 **Gifted Education**

 **Early College**

www.rivercityscience.org

7565 Beach Blvd. Jacksonville, FL 32216
Ph: (904) 855-8010 Fax: (904) 855-8014

EARLY COLLEGE OPPORTUNITIES

- Earn college credit while still enrolled in high school
- English, Math and Elective Dual Enrollment courses offered for college credit on RCSA's campus and more online
- RCSA offers numerous AP courses for college credit
- Possibility to earn two years of college credit before graduating RCSA
- Ability to complete all high school credits within three years

CAREER AND TECHNICAL EDUCATION (CTE)

Career and Technical Education (CTE) provide students with opportunities to participate in coursework that leads to industry certification with the successful completion of the CTE exam.

River City Science Academy offers CTE programs with certification exams given to students at the end of the courses.



MATH OLYMPIAD

Students compete in math problem-solving teams to develop mathematical flexibility, to strengthen mathematical intuition, and to foster mathematical creativity and ingenuity. Students participate in regional and state level competitions.



SCIENCE OLYMPIAD

Students compete in 23 unique events including topics like physics, chemistry, earth space science, biology and engineering. They engage in hands-on, interactive, inquiry-based activities that are lab-based, research-based, or prebuilt. They participate in regional, state, and national level competitions.

ROBOTICS

Robotics teams engage coding and engineering in a way that brings the benefits of athletic competitions into the STEM field.

CLUBS & TUTORING

RCSA offers FREE afterschool tutoring in Language Arts, Math, Science, Social Studies and Electives for both Middle and High School students. After-school club opportunities are available as well.



ELITE SCHOLARS MAGNET PROGRAM (ESMP)

- Develop an exclusive academic experience for high-performing students
- Goes beyond “college ready” and creates an experience that prepares them for admittance into elite schools and programs like MIT, Duke, or Ivy League colleges
- Rigorous core academic classes
 - Substantial research writing in each of their core classes designed on the pre-AP course model, preparing students for the AP Capstone Diploma program once they get into high school
 - Earn high school credits, including Biology, Algebra I and World Language while still in middle school
 - Highly-effective, high-performing teachers
 - Challenging students through academic competitions, exclusive field trips and unique learning opportunities

Classroom Experience

- Rigorous coursework
- Substantial research writing in each core class
- Hands-on, critical thinking, skill-based curriculum
- Opportunities to develop leadership and interpersonal skills

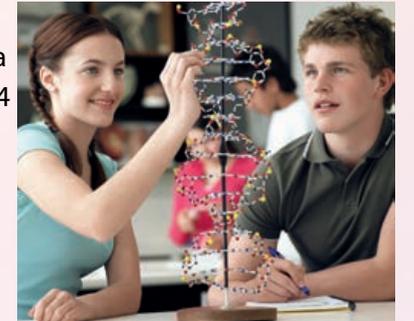
Support Systems

- Ongoing counseling sessions throughout the year to develop their academic portfolios
- Regular communication between teachers, program director, counselors, students, and parents

COLLEGE MENTORSHIP PROGRAM (CMP)

We strongly believe that students are capable of achieving well beyond the status quo in education. We have developed a free mentoring structure that we use in our school called College Mentorship Program (CMP). CMP helps our students explore their skills and develop into responsible students and life learners. The CMP program is a year-long program.

Each student in this program is assigned a mentor with other 2-4 students. Students and mentors study and participate in programs together such as:



- Camps
- Lock-ins
- Weekend studies and activities
- Weekly progress monitoring meetings
- Personal development programs
- Guest speakers and seminars
- Volunteer community service programs
- College visits
- Family picnics, dinners, and home-visits

PARENT ENGAGEMENT

An online tool with 24-hour access to students' progress through the RCSA Connect portal which includes course information, grades, assignments, discipline records, and course resources.

Parents receive weekly email updates with student academic and behavior performance. Mobile app is available as well.