

# RIVER RIDGE MIDDLE SCHOOL

## ADVANCED COURSES OF STUDY & ELECTIVE PROGRAMS

RRMS offers students many diverse experiences to find & pursue their interest areas while exploring their talents in a caring & compassionate learning environment. There are more on-campus opportunities than any other middle school for students to excel by earning high school credits and Digital Tools certification.

### FAME ACADEMY

The Fine Arts Music Entertainment (FAME) Academy at RRMS allows students to have access to comprehensive visual and performing arts coursework including visual and digital arts, dance and choreography, theatre, vocal, instrumental (orchestra, percussion, brass, etc.), and general music. In addition to the diverse curriculum offerings, teachers and students will have the opportunity to utilize the River Ridge Center for the Arts and the Black Box Theatre to provide professional real-world experiences in the fine and performing arts. (Grades 6-8)

### ENGINEERING & ROBOTICS

The rigorous Project Lead the Way Engineering Program at RRMS provides students with hands-on experiences to explore all areas of the engineering field including robotics, manufacturing, green architecture, and energy and the environment. As an 8th grader, students may also take the high school level Introduction to Engineering course to earn an industry certification. Students may also participate in VEX and FIRST Robotics team competitions with high school mentors. (Grades 6-8)

### DIGITAL ARTS & GRAPHIC DESIGN

These are hands-on classes, where students design graphics for print and web, photo editing, photo effects, photography, audio/video, animation, and illustration. Software used are Photoshop, Illustrator, and Premier Rush. Students also explore the use of digital cameras, lighting, and drawing tablets. Students can earn high school credit, industry software certification (in Adobe Photoshop and Illustrator), and Digital Tools certification. (Grades 6-8)



### COMPUTER SCIENCE

Computer Science includes programming (block and text) and includes many other concepts such as computational thinking, artificial intelligence, computer systems and networks, security, database systems, human computer interaction, vision and graphics, numerical analysis, programming languages, software engineering, bioinformatics, mixed reality, computer literacy, and computing theory. Students can earn Digital Tools certification. (Grades 6-8)

### TEACHING & EDUCATION

8th grade students who are accepted into the New Teacher Academy at RRHS will enter their first class and learn quickly that clinical experience working with kids, coupled with giving back to the Pasco community, is the catalyst for success within the NTA. Developing future teachers while serving the community provides a powerful platform upon which to build the next generation of Pasco County teachers. Students earn high school credits in this academy. (Grade 8)

### WORLD LANGUAGES

Students may earn on campus high school credit by immersing in our Spanish program. (Grades 7-8)

### ACCELERATED ACADEMIC PROGRAMS STANDARDS BASED, RIGOROUS, & RELEVANT

River Ridge Middle School offers an accelerated academic program in Mathematics & Science (Grades 6-8) and Social Studies (Grade 8) where students are immersed in inquiry based, rigorous, and relevant curriculum leading to multiple high school credits in middle school.

# #WEAREROYAL