

# 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 industry certifications.

### FAME ACADEMY FINE ARTS MUSIC ENTERTAINMENT

The FAME Academy at RRMS allows students to have access to a comprehensive visual and performing arts coursework including visual and digital arts, photography, dance and choreography, theatre, vocal, instrumental, 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.

### 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.

### DIGITAL MEDIA MULTI-MEDIA & GRAPHIC DESIGN

Students explore audio/video technology, webpage design and interactive presentation development in animation and graphic design using Photoshop, Illustrator, and iMovie, etc. Students have the opportunity to earn two high school course credits and earn industry certifications.

### COMPUTER SCIENCE

Computer Science includes programming (block and text) and also 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 theory of computing. Students have the opportunity to take the high school computer science courses and earn industry certifications.

### WORLD LANGUAGES

Students earn on campus high school credit by immersing in either American Sign Language, German, or Spanish Programs.



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

River Ridge Middle School is the first middle school in Pasco County to offer an accelerated academic program in Mathematics & Science where students are immersed in inquiry based, rigorous and relevant curriculum leading to multiple high school credits in middle school.

## #WEAREROYAL

### TEACHING & EDUCATION

7th and 8th grade students who are accepted in 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 credit in this academy.



## RIVER RIDGE MIDDLE SCHOOL 2021-22 COURSE OFFERINGS & PROGRAMS OF STUDY

### 6<sup>TH</sup> GRADE CORE

Advanced Language Arts 1  
Advanced Science 1  
Accelerated Science Honors 1  
Advanced U.S. History  
Math 1  
Advanced Math 1  
Research  
M/J Health 4 (.5)  
Accelerated Reading as needed

### 7<sup>TH</sup> GRADE CORE

Advanced Language Arts 2  
Advanced Science 2  
Accelerated Science Honors 2  
Advanced Civics  
Math 2  
Advanced Math 2  
Algebra 1 Honors\*  
Accelerated Reading as needed

### 8<sup>TH</sup> GRADE CORE

Advanced Language Arts 3  
Advanced Science 3  
Physical Science Honors\*  
Advanced World History  
Math 3/Pre-Algebra  
Algebra 1 Honors\*  
Geometry 1 Honors\*  
Accelerated Reading as needed

## ELECTIVE PROGRAMS OF STUDY & 6-8 SEQUENCE

\*Denotes High School Course Credit +Application Required

### FAME ACADEMY

#### FINE ARTS MUSIC ENTERTAINMENT

##### VISUAL ARTS

6<sup>th</sup> Grade: Art 2-D (.5), Art 3-D (.5)  
7<sup>th</sup> Grade: Art 2-D or Art 3-D (.5) or  
Art 2-D Advanced (1.0)  
Art 3-D Advanced (1.0)  
Creative Photography (1.0)  
8<sup>th</sup> Grade: Art 2-D or Art 3-D (.5) or  
Art 2-D Advanced (1.0)  
Art 3-D Advanced (1.0)  
Creative Photography (1.0)

##### BAND & CHORUS

6<sup>th</sup> Grade: Band 1 (1.0); Chorus 1 (1.0);  
Guitar (.5)  
7<sup>th</sup> Grade: Band 1 or 2 (1.0); Chorus 1 or 2 (1.0);  
Guitar (.5)  
8<sup>th</sup> Grade: Band 1, 2, or 3; Chorus 1, 2, or 3 (1.0);  
Guitar (.5)

##### THEATRE

6<sup>th</sup> Grade: Intro to Drama (.5),  
Intro to Technical Theatre (.5)  
7<sup>th</sup> Grade: Theater 1 (1.0),  
Intro to Technical Theatre (.5)  
8<sup>th</sup> Grade: Theater 1 or 2 (1.0),  
Intro to Technical Theatre (.5)

Co-Curricular Club: Thespians

##### DANCE

6<sup>th</sup> Grade: Intro to Dance (.5)  
7<sup>th</sup> Grade: Dance 1 or 2 (1.0)  
8<sup>th</sup> Grade: Dance 1, 2, or 3 (1.0)

*RRHS Academy: Fine Arts Music Entertainment*

### COMPUTER SCIENCE & TECHNOLOGY

6<sup>th</sup> Grade: Coding Fundamentals 1 (.5)  
Coding Fundamentals 2 (.5)  
7<sup>th</sup> Grade: Coding Fundamentals 1 (.5)  
Coding Fundamentals 2 (.5)  
Computer Science Discoveries\* (1.0)  
8<sup>th</sup> Grade: Coding Fundamentals 1 (.5)  
Coding Fundamentals 2 (.5)  
Computer Science Discoveries\* (1.0)  
Digital Information Technology\* (1.0)

*RRHS Academy: Engineering or Business*

### ENGINEERING & ROBOTICS

6<sup>th</sup> Grade: Engineering Design & Modeling (.5),  
Automation & Robotics (.5)  
7<sup>th</sup> Grade: Engineering Design & Modeling (.5),  
Automation & Robotics (.5), Green Architecture (.5),  
Energy & Environment (.5)  
8<sup>th</sup> Grade: Engineering Design & Modeling (.5),  
Automation & Robotics (.5), Green Architecture (.5),  
Energy & Environment (.5),  
Intro to Engineering\* (1.0) +

Co-Curricular Club: Royal Robotics (FIRST & Vex)  
*RRHS Academy: Engineering*

### PHYSICAL EDUCATION/HEALTH

6<sup>th</sup> Grade: Fitness (.5) & M/J Health 4 (.5)  
7<sup>th</sup> Grade: Team Sports (.5)  
8<sup>th</sup> Grade: Individual Sports (.5)  
7<sup>th</sup>-8<sup>th</sup> Grade: Comprehensive PE (.5)

### TEACHING & EDUCATION

7<sup>th</sup> & 8<sup>th</sup> Grade: Intro to Teaching\* (1.0) +  
8<sup>th</sup> Grade: Human Growth & Development\* (1.0) +

Co-Curricular Club: Future Educators of America

*RRHS Academy: New Teaching Academy*

### DIGITAL MEDIA & GRAPHIC ARTS

6<sup>th</sup> Grade: Intro to AV - Graphic Design (.5)  
7<sup>th</sup> Grade: Intro to AV - Graphic Design (.5)  
Digital Multimedia 1\* (1.0)  
Yearbook (1.0) +  
8<sup>th</sup> Grade: Intro to AV - Graphic Design (.5)  
Digital Multimedia 1\* & 2\* (1.0)  
Yearbook (1.0) +

*RRHS Academy: New Media and Communications*

### PEER MENTORING

7<sup>th</sup> Grade: Royal Squires  
M/J Peer Counseling 1 (1.0) +  
8<sup>th</sup> Grade: Peers as Partners\* (1.0) +  
Royal Squires  
(M/J Peer Counseling 1) (1.0) +

### WORLD LANGUAGES

#### SPANISH, GERMAN, ASL

7<sup>th</sup> Grade: Spanish 1\* (1.0)  
German 1\* (1.0)  
American Sign Language 1\* (1.0)  
8<sup>th</sup> Grade: Spanish 1\* or 2\* (1.0)  
German 1\* or 2\* (1.0)  
American Sign Language 1\* or 2\* (1.0)