Grade 6 Elective Offerings 2020-2021

Reedy Creek Middle School
Center for the Digital Sciences Magnet Middle School

LAST NAME_____**FIRST NAME**_____ **STUDENT ID #**_____

Increase your chances of getting the courses you want by using this simple form.
All classes are semester long, unless indicated.

1. Request 3 "P" Primary electives and 3 "A" Alternate electives		
	Animal Science	This introduction to the animal kingdom emphasizes hands-on learning through a variety of classroom & outdoor experiences. After students learn how to care for captive animals in general, they pick a classroom animal to hold, study and complete a research project. Students then study vertebrate classes. Outdoor activities include: dip netting, wildlife observations, and a turtle mark-and-recapture study.
	Beginning Spanish	This course begins the study of the Spanish language and culture. Major topics include greetings, conversation questions, telling time, classroom objects, asking for help, the parts of the body, infinitive verbs, expressing likes and dislikes, definite and indefinite articles, adjectives, subject pronouns, the present tense of –ar verbs, and the plurals of nouns and articles. Students who successfully complete this course should continue the Spanish curriculum series for high school credit by taking *Intermediate Spanish.*
	Digital Literacy & Keyboarding and Basic Word Processing	These combined CTE courses are designed to allow students to learn the touch method of keyboarding, digital literacy and computer knowledge, and basic word processing and document formatting skills. English language arts and mathematics are reinforced. Future Business Leaders of America (FBLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences. *Prerequisite to Introduction to Office Productivity.*
	Exploring Engineering & Design 1	This CTE course focuses on applying the design process in the invention or innovation of a new product, process, or system. Through engaging activities and hands-on projects, students focus on understanding how criteria, constraints, and processes affect designs. Emphasis is placed on brainstorming, visualizing, modeling, testing, and refining designs. Students develop skills in researching information, communicating design information, and reporting results. Technology Student Association (TSA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences. This would include research on inventions and innovations.
	Exploring Nutrition & Wellness and Exploring Childcare	These combined CTE courses explore basic Family and Consumer Sciences foundations and skill sets, including: interpersonal relationships, nutrition and wellness, child development and education. Students are eligible to receive the American Red Cross® Babysitter certification. Family, Career and Community Leaders of America (FCCLA) competitive events, community service and leadership activities provide the opportunity to apply essential standards and workplace readiness through authentic experiences.

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	Magnet Bits & Bytes	Through hands-on activities and investigations, students will learn the foundations of computer science and computational thinking, including non-linear problem solving, algorithms, artificial intelligence, image types, how humans interface with computers, and more. This course will incorporate cooperative group work and project-based learning to enhance the learning experience.
	Magnet Robotics and Mechatronics	Students will learn the fundamentals of robot operation and programming. This will include the study of basic electrical concepts and components, sensors that provide data to robots, and programming techniques to control robot behavior. Prerequisite to Robotics and Mechatronics II.
	Olympics of Science and Math	This course enables students to apply science and mathematics concepts and principles in innovative situations that enhance problem-solving skills. Independent and group projects are completed under the guidelines of the National Science Olympiad. Students may have the opportunity to compete in local, regional, state, and national Science Olympiads.
	Visual Arts Exploratory	This course introduces students to the elements of art through a variety of media that may include: drawing, painting, printmaking, mixed media, pottery, and weaving. Application of these elements to the students' own original art work is the major emphasis while being introduced to art history and critical analysis of master work as well as their own.
	Beginning Band	This yearlong course emphasis is on the acquisition of basic musical skills as students learn to play the flute, clarinet, trumpet, or trombone. Band classes prepare several concert compositions that are performed for an audience. Students should anticipate some after-school practices and evening performances (such as: Winter Concert, Feeder School Visits, Spring Concert, etc.). ***Prerequisite to Intermediate Band and Advanced Band.*** **This course is a year-long commitment.** *Students who request this class will be scheduled in band. To complete the online registration process, students will still need to select 3 primary & 3 alternates aside from band. Please indicate your preferred instrument at this time.* Circle one: Flute Clarinet Trumpet Trombone

2. Indicate Health and Physical Education Preference

Year-long (two semesters remain open for electives) or Semester-long (three semesters remain open for electives). Please circle one: Year-long Semester

3. Math please circle the expected math course enrollment; additional paperwork may be required

Math 6 Math 6 + Compacted Math 6/7+ Other:

Previous School _____ Date _____

Student Signature_____Parent Signature_____

Parent Phone_____ Parent Email_____