### 2018 High School Summer School Program

#### High School Session I
- **Rampart High School**
- **(8250 Lexington Dr.)**
- **June 11 - June 29**
- M-F, 8:00 a.m. to Noon

#### High School Session II
- **Rampart High School**
- **(8250 Lexington Dr.)**
- **July 9 - July 27**
- M-F, 8:00 a.m. to Noon

Visit our website at: [www.asd20.org/sse](http://www.asd20.org/sse)

Registration is ONLINE at: [www.PayForIt.net](http://www.PayForIt.net)

**In-district registration opens: Friday, April 13, 2018**

**Out-of-district registration opens: Monday, May 7, 2018**

- Summer programs are filled on a first-come, first-served basis. Online registration secures a spot in your chosen class immediately.
- Tuition is paid via secure online payment at [www.PayForIt.net](http://www.PayForIt.net).
- **TUITION IS NON-REFUNDABLE** unless the class is cancelled due to low enrollment.
- Limited partial scholarships are available on a first come basis for District 20 students based on the Free and Reduced eligibility criteria. If your family has been approved for free or reduced meals and funding is still available when you register, the tuition amount will be automatically adjusted during the online registration process.
- Classes are open to students from all districts (additional fee of $100.00 applies to out-of-district students).
- **Out-of-District Students:** A student enrolled and attending a D20 school prior to Summer School registration or a student living within D20 boundaries is considered an in-district student for Summer School purposes. Any student not residing in the school district or not enrolled and attending prior to the registration of the Summer School program is considered an out-of-district student.
- A District 20 student ID number is required to register for summer school. All out of district students must enroll in D20 to obtain a D20 student number, this will be used for Summer School purposes only. The district enrollment process may be started online, April 6, 2018, and must be completed at the D20 Central Registry Office after April 30, 2018.
- Out-of-district student class registration will be available May 7, 2018.
- **Tuition for High School Classes is $250, unless otherwise posted.**

#### Session I Courses: June 11-29

**Students can earn one semester credit during each session of summer school.**

115100A—Consumer Math (1 credit):
Consumer Math is a course designed to reinforce and integrate basic computational skills with real-life skills needed to become careful and competent consumer. Topics include purchasing goods and services, investing money, checking and savings accounts, taxes, and dealing with the everyday mathematics of today’s society.

**Tuition:** $250.00

111100A - Algebra 1 A (1 credit):
**Prerequisite:** Math 8, Pre-Algebra, Applied Algebra, Linear Algebra
Topics consisting of analyzing and solving linear equations, pairs of simultaneous linear equations and functions will be further developed. Students will construct, compare, solve, and analyze linear, quadratic, and exponential functions and inequalities as well as perform arithmetic operations on polynomials. Students will also summarize, represent, and interpret data, including Personal Financial Literacy topics. Students who are mathematically proficient will demonstrate characteristics defined by the Standards for Mathematical Practice. This course will cover the same standards and rigor of a high school Algebra 1 course.

**Tuition:** $250.00

116101A - Geometry A (1 credit):
**Prerequisite:** Algebra 1 or equivalent
Topics in two-dimensional and three-dimensional figures including lines, planes, angles, polygons, coordinate geometry, circles, and polyhedrons will be presented. Applications integrate algebraic concepts and use inductive and deductive reasoning to develop geometric proofs. Problems are often linked to real-world applications and graphing, vocabulary, and technical writing will be emphasized.

**Tuition:** $250.00

111200A - Algebra 2 A (1 credit):
**Prerequisite:** Geometry or equivalent
Topics in previous algebra courses are built upon, and the additional topics of polynomials, rational, exponential, and logarithms functions, as well as matrices, complex numbers, sequences and series, probability and statistics, and trigonometry are presented. Graphing calculators will be used to promote understanding of advanced concepts and develop graphical and numeric solutions. Problems are often linked to real-world applications, and graphing, vocabulary, and technical writing will be emphasized.

**Tuition:** $250.00

084000 - Life Long Recreational Sports (1 credit):
This class places an emphasis on lifelong activities that may include activities such as golf, archery, bowling, cycling, tennis, aerobics, roller skating, badminton, aquatic activities, board games, juggling, weights and other special recreational activities. Conditioning and fitness will be included through various aerobic activities.

**Tuition:** $250.00

081100 - Global Health and Wellness - ONLINE (1 credit):
Global Health and Wellness can meet the graduation requirement for Academy District 20. This class is designed for transfer students that need to meet the District 20 health requirement. In this class, students will research current health related issues in our society. This class uses the internet as its medium and is project-based. In meeting building technology requirements, students will have the opportunity to use a variety of search engines, research databases, PowerPoint, and Publisher. PLEASE NOTE: Online classes are not “work at your own pace” classes. Students are expected to log into their online course at least as often as indicated by the instructor.

**Tuition:** $250.00

062063A/B or 062067A/B—Spanish 1 or 2 (1 credit):
The instructor will assign students to the appropriate level based on experience and previous coursework. Course syllabi will be provided at the beginning of the session.

Students learn to communicate in Spanish using various methods. Simple conversational language and grammar related to personal interests and Spanish culture are used to draw connections and make comparisons. Level 2 builds on skills and knowledge of Level 1 with increasing emphasis on pronunciation, intonation, and conventions, using more specialized vocabulary. Students will engage in more complex conversations. Narratives will be used to further knowledge of structural patterns and word elements.

**Tuition:** $250.00

062000A/B or 062002A/B—French 1 or 2 (1 credit): **NOT AVAILABLE**
The instructor will assign students to the appropriate level based on experience and previous coursework. Course syllabi will be provided at the beginning of the session.

Students learn to communicate in French using various methods. Simple conversational language and grammar related to personal interests and French culture are used to draw connections and make comparisons. Level 2 builds on skills and knowledge of Level 1 with increasing emphasis on pronunciation, intonation, and conventions, using more specialized vocabulary. Students will engage in more complex conversations. Narratives will be used to further knowledge of structural patterns and word elements.

**Tuition:** $250.00

054200—Creative Writing 1 (1 credit):
In this course, students will explore many writing genres. The goal of the course is to help students identify quality writing and to realize the importance of accurately observing and interpreting their surroundings.

**Tuition:** $250.00

053115A/B—World Literature and Composition (1 credit):
This course emphasizes the study of world literature and uses that study as a vehicle for refining vocabulary, grammar, writing and oral communication skills. Reading materials will be selected from a variety of print genres. Analysis and class discussion of texts and writing about social issues will be emphasized.

**Tuition:** $250.00
053145A/B - American Literature and Composition (1 credit):
This course emphasizes the study of American literature and uses that study vehicle for refining vocabulary, grammar, writing, and oral communication skills.
Tuition: $250.00

053200A/B - Contemporary Literature (1 credit):
Through this course, students will develop an understanding of trends in fiction, drama, film, personal essay and poetry. Reading materials will be selected from a variety of print genres. Analysis and class discussion of texts and writing about social issues will be emphasized.
Tuition: $250.00

134000A/B - Earth Science BLENDED (1 credit):
Earth Science is a lab-centered course covering subjects in geological and astronomical science. In addition, Earth Science explores how science, technology, and human activity can affect the world.
Tuition: $250.00

132015A - Biology A CLASSROOM or BLENDED (1 credit):
Biology provides crucial backgrounds in the life sciences arena. Topics covered include: basic cell structure, function and processes; genetics; microbiology; evolutionary concepts and trends; taxonomy of plants and animals (including dissection); basic vertebrate and invertebrate biology; basic ecology; and human biology. This course focuses on the world around us through the use of hands-on examples.
Tuition: $250.00

133115A - Chemistry A CLASSROOM or BLENDED (1 credit):
Prerequisite: Algebra 1 with grade of C or higher
Chemistry is the study of the properties, changes, and interactions of matter. Topics covered include principles of chemical change, chemical formulas, equations and their application, atomic theory, the Periodic Table, acids and bases, phases of matter, solutions, and thermodynamics. There is a significant laboratory component to this course as well as the ability to use mathematics to solve problems.
Tuition: $250.00

132000A/B — Anatomy and Physiology - BLENDED (1 credit)
Anatomy and Physiology students study the major systems of the human body. Topics covered include the basic of anatomical make-up of the body’s organs, as well as how these organs function. There is a significant laboratory component to this course, including microscopic work and dissection. Lectures, videos, and research will be used.
First day of class will be in-person at Rampart HS.
Tuition: $250.00

056205/056205/05635- Theater and Drama 1-2/ Theater 3 (1 credit):
Level 1: This course is an introduction to theater and drama with an emphasis on background and structure, varieties and technique. Level 2: This course is a continuation of Level 1 and provides students a solid background in the structure, varieties, and history of drama and will enhance skills in acting and theater production. Level 3: The students will concentrate on acting in short plays or scenes directed by Theatre 4 students and will study audition and style production. Students will explore basic techniques and subject matter. The media may include musical and musical theatre.
Tuition: $250.00

Tuition: $250.00

020000/020005 - Art 1 or 2 BLENDED (1 credit):
The instructor will assign students to the appropriate level based on experience and previous coursework. Course syllabi will be provided at the beginning of the session.
Art 1 Students will receive instruction in the skills of basic drawing and painting. Students will explore basic techniques and subject matter. The media may include pencil, ink, charcoal, color pencil, printmaking, acrylic, water color, and tempera.
Art 2 Students will receive instruction in the skills of intermediate drawing and painting. Students will expand their knowledge and application of drawing and painting techniques. The media may include pencil, ink, charcoal, color pencil, printmaking, acrylic, water colors, tempera, pastels, sanguine, sepia, and Conté crayon.
Tuition: $250.00

CLASSROOM - Class will be held at Rampart HS.
BLENDED - Class is a combination of online and meeting at Rampart HS.
ONLINE - Class will be online, there may be some in-person class time.

101200 - World History — BLENDED (1 credit):
This course surveys the basic personal financial needs and emphasizes the basics of budgeting, saving, checking, investments, credit, the wise use of insurance, and paying and preparing income tax returns.
Tuition: $250.00

161050 - Technology for Education (1 credit):
Students will learn basic and intermediate skills in a variety of mobile, online, and computer applications to create projects and documents that reflect professional communication and formatting standards. Additionally, students will learn electronic professional communication expectations and the elements of digital citizenship, including information literacy, internet safety, appropriate use of source material and appropriate citation, privacy and security, and the creation of a positive digital account.
Tuition: $250.00

191200 - Online Credit Recovery (1 credit):
The Online Credit Recovery Program (OCRP) is for at-risk students in Academy School District 20. The program is designed for students who need to recover credits from failed or incomplete courses and not for acceleration. Students are offered an opportunity to get their education back on track. These courses do not meet NCAA requirements but count toward graduation from ASD20. Courses include math, English, science, electives, world language, etc. Please see the online registration for a complete list of course offerings.

- Students will need to physically attend the first and last class for orientation and final exam.
- Students must have access to the internet with Mozilla Firefox or Internet Explorer browser capabilities.
- Students can only recover credit from a class that they have previously attempted and failed.
- OCRP courses are posted to the transcript as an additional course; they do not replace the failing grade but do count toward GPA.
- Students must have a 70% in the class and must pass a proctored final with at least a 70%.
Tuition: $250.00

SESSION II COURSES: JULY 9-27
Students can earn one semester credit during each session of Summer School.

115100A — Consumer Math (1 credit):
Consumer Math is a course designated to reinforce basic computational skills with real-life skills needed to become an informed, competent consumer. Topics include purchasing goods and services, managing money, checking and saving accounts, taxes, and dealing with the everyday mathematics of today’s society.
Tuition: $250.00

11100B - Algebra 1 B (1 credit):
Prerequisite: Algebra 1 A
The second semester continues with course material presented in the first semester of Algebra 1. (See course description for first semester.)
Tuition: $250.00

133115B - Chemistry B - CLASSROOM OR ONLINE (1 credit):
Prerequisite: Chemistry A
Chemistry is the study of the properties, changes and interactions of matter. Topics covered include principles of chemical change, chemical formulas, equations and their application, atomic theory, the Periodic Table, acids and bases, phases of matter, solutions, and thermodynamics. There is a significant laboratory component to this course as well as the ability to use mathematics to solve problems.
Tuition: $250.00

134000A/B - Earth Science ONLINE (1 credit):
Earth Science is a lab-centered course covering subjects in geological and astronomical science. In addition, Earth Science explores how science, technology, and human activity can affect the world.
Tuition: $250.00
116010B - Geometry B (1 credit):  
Prerequisite: Geometry A  
The second semester course is a continuation of material presented in the first semester of Geometry. (See course description for first semester.)  
Tuition: $250.00

116020B - Algebra 2 B (1 credit):  
Prerequisite: Algebra 2 A  
The second semester continues with course material presented in the first semester of Algebra 2. (See course description for first semester.)  
Tuition: $250.00

084000 - Life Long Recreational Sports (1 credit):  
This class places an emphasis on lifelong activities that may include activities such as golf, archery, bowling, cycling, tennis, aerobics, roller skating, badminton, aquatic activities, board games, juggling, weights and other special recreational activities. Conditioning and fitness will be included through various aerobic activities.  
Tuition: $250.00

026050 - Digital Photography (1 credit):  
Using cameras and the art of the digital camera, students will learn how to plan and produce photographic compositions that demonstrate an understanding of light, composition, color, and visual impact. Students will be introduced to the history of photography and visual communication. A portfolio of images may be produced for exhibition. There are no specific art background or computer skills required. Please note: video camera privileges are after completion of a successful version of the regular Digital Photography class. Students will achieve a working knowledge of Photoshop for basic camera and photography skills. Students may use their own Camera, or may use a classroom camera at school. Students may not use personal cameras for this class. Personal cameras will preferably have at least 8 megapixels, and the ability to manually adjust shutter speed, aperture and photo resolution. Additionally a SanDisk of at least 4GB will be necessary.  
Tuition: $250.00

062063A/B or 062067A/B - Spanish 1 or 2 (1 credit):  
Prerequisite: Successful completion of previous course  
Level 1 students learn to communicate in Spanish using various methods. Simple conversational language and grammar related to personal interests and Spanish culture are used to draw connections and make comparisons. Level 2 builds on skills and knowledge of Level 1 with increasing emphasis on pronunciation, intonation, and conventions, using more specialized vocabulary. Students will engage in more complex conversations. Narratives will be used to further knowledge of structural patterns and word elements.  
Tuition: $250.00

062002A/B or 062002A/B - French 1 or 2 (1 credit):  
The instructor will assign students to the appropriate level based on experience and previous coursework. Course syllabi will be provided at the beginning of the course. Students learn to communicate in French using simple conversational language and grammar related to personal interests and French culture are used to draw connections and make comparisons. Level 2 builds on skills and knowledge of Level 1 with increasing emphasis on pronunciation, intonation, and conventions, using more specialized vocabulary. Students will engage in more complex conversations. Narratives will be used to further knowledge of structural patterns and word elements.  
Tuition: $250.00

053115A/B - World Literature and Composition (1 credit):  
This course emphasizes the study of World literature and uses that study as a vehicle to refine vocabulary, grammar, and oral communication skills. Reading materials will be selected from a variety of print genres. Analysis and class discussion of texts and written social issues will be emphasized.  
Tuition: $250.00

053145A/B - American Literature and Composition (1 credit):  
This course emphasizes the study of American literature and uses that study vehicle for refining vocabulary, grammar, writing, and oral communication skills.  
Tuition: $250.00

053200A/B - Contemporary Literature (1 credit):  
Through this course, students will develop an understanding of trends in fiction, drama, film, personal essay and poetry. Reading materials will be selected from a variety of print genres. Analysis and class discussion of texts and writing about social issues will be emphasized.  
Tuition: $250.00

WE HIGHLY ENCOURAGE STUDENTS AND PARENTS TO SPEAK WITH THE STUDENT’S CURRENT SCHOOL COUNSELOR IN ORDER TO ENSURE PROPER ACADEMIC PACING AND CREDIT ACCRUAL.

132000A/B - Anatomy and Physiology - ONLINE (1 credit):  
Anatomy and Physiology studies the major systems of the human body. Topics covered include the basic of anatomical make-up of the body’s organs, as well as how these organs function. There is a significant laboratory component to this course, including microscopic work and dissection. Lectures, videos, and research will be used.  
First day of class will be in-person at Rampart HS.  
Tuition: $250.00

163015 - Programming I (1 credit):  
Recommended that student takes Geometry first.  
The objective of this course is to teach problem-solving and develop critical thinking skills be studying the fundamental principles of structured computer programming in C++ and/or Java. The student will develop algorithms and express them in top-down diagrams. Topics may include data types, variables, mathematical and logical operations, strings, character arrays, input, output, conditional statements, loop structures, and functions.  
Tuition: $250.00

154000A/B - World Regional Geography A ONLINE (1 credit):  
World Regional Geography develops a view of the world through the study of cultural and physical geography. Emphasis is placed on our natural environment, cultural regions, and geographic aspects of man’s contemporary economic, social, and political conditions. Interrelationships of climate, vegetation, soils, landform, and environmental impacts are studied. Map reading, map interpretation, and the skills necessary to accomplish these tasks are studied.  
Tuition: $250.00

156015 - Civics and Law ONLINE (1 credit):  
Civics and Law provides a basic understanding of the design and operation of federal, state, and local governments. Relationships between the citizen and the government are explored, and the student develops an understanding of the significant role of the citizen in American democracy. The students become familiar with the American legal system and their rights and responsibilities as citizens.  
Tuition: $250.00

155605A/B - World History and Geography ONLINE (1 credit):  
This course examines the major developments of world history from ancient civilizations to the modern era. Students will learn cause and effect relationships with an emphasis on political, economic, geographic, and social forces that shape the modern world.  
Tuition: $250.00

150015 - Personal Finance ONLINE (1 credit):  
This course surveys the basic personal financial needs and emphasizes the basics of budgeting, saving, checking, investments, credit, the wise use of insurance, and paying and preparing income tax returns.  
Tuition: $250.00

056200/056205/056635 - Theater and Drama 1/2- Theater 3 (1 credit):  
Level 1: This course is an introduction to theater and drama with an emphasis on background and structure, varieties and techniques. Level 2 is a continuation of Theater/Drama 1 and focuses of non-musical and musical theater production. Level 3: Students will perform in short plays or scenes directed by the director during in-class auditions and style-specific acting technique. Students must audition. Further material for use at a variety of auditions. Non-musicals will still have some music and musical theatre auditions. They will perform in short plays at the end of each semester.  
Tuition: $250.00

191200 - Online Credit Recovery (1 credit):  
The Online Credit Recovery Program (OCR) is for at-risk students in Academy School District 20. The program is designed for students who need to recover credits from failed classes and not for acceleration. Students are offered an opportunity to get their education back on track. These courses do not meet NCAA requirements but count toward graduation from ASD20. Courses include math, English, science, electives, world language, etc. Please call the Summer School Office at 719-234-1374 to see if the class you need will be offered.  
Students will need to physically attend the first and last days for orientation and final exam.  
Students must have access to the internet with Mozilla Firefox or Internet Explorer browser capabilities.  
Students can only recover credit from a class that they have previously attempted and failed.  
OCR courses are posted to the transcript as an additional course; they do not replace the failing grade but do count toward GPA.  
Students must have a 70% in the class and must pass a proctored final with at least a 70%.  
Tuition: $250.00

Tuition Information—Payment must be received for the student to be registered in class. Please contact the Summer School Office at 234-1374 for more information.