### 2019 High School Summer School Program

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

In-district registration opens: **Friday, April 12, 2019**

Out-of-district registration opens: **Monday, May 6, 2019**

- 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 enrollment process may be **started online,** April 5, 2019, and must be completed at the D20 Central Registry Office after April 30, 2019.
- Out-of-district student class registration will be available May 6, 2019.
- **Class times:** 8:00a.m.—12:00p.m.

**Tuition for High School Classes** is **$250,** unless otherwise posted.

### Session I Courses: June 10-28

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

Rampart High School

8250 Lexington Dr

M – F, 8:00a.m. to noon

115100A—Consumer Math - BLENDED (1 credit):

Consumer Math is a course designated 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.

**BLENDED:** First and last day of class will be in-person at Rampart HS.

111100A - Algebra 1 A - CLASSROOM or BLENDED (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.

**BLENDED:** First and last day of class will be in-person at Rampart HS.

116010A - Geometry A - CLASSROOM or BLENDED (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.

**BLENDED:** First and last day of class will be in-person at Rampart HS.

111200A - Algebra 2 A - CLASSROOM or BLENDED (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.

**BLENDED:** First and last day of class will be in-person at Rampart HS.

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.

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 it’s 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. **ONLINE:** First and last day of class will be in-person at Rampart HS.

062063 1A or 062067 3A - 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.

054200 — Creative Writing (1 credit)

In this course, students will write in different formats. The goal of the course is to help students develop their abilities to accurately observing and interpreting their surroundings.

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.

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.

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.

053500 – Mythology (1 credit):

Students will study cultural myths and myths of modern culture.
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.
**BLENDED: First and last day of class will be in-person at Rampart HS.

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.
**BLENDED: First and last day of class will be in-person at Rampart HS.

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.
**BLENDED: First and last day of class will be in-person at Rampart HS.

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 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.
**BLENDED: First and last day of class will be in-person at Rampart HS.

133410 - Marine Biology - BLENDED (1 credit)
In this course, students will learn about the physical structure and chemistry of the ocean, the diversity of ocean life, marine ecology, and the scope and impact of human interactions with the oceans. Laboratory activities reinforce concepts and principles presented.
**BLENDED: First and last day of class will be in-person at Rampart HS.

132405 - Environmental Science - BLENDED (1 credit)
Environmental Science explores the natural world from an ecological and human point of view. Topics covered include types of ecosystems, non-living and living components of ecosystems (including plants, animals, bacteria, fungi, and single-celled organisms), interactions between the non-living and living components, population studies, and animal behavior. In addition, this course also examines discussions on environmental law, economics, ethics, and how humans are impacting the natural world. Lab investigations, field studies, and research projects are undertaken to examine each topic.
**BLENDED: First and last day of class will be in-person at Rampart HS.

151000 - Sociology - BLENDED (1 credit):
Study the basic components of society. Topics covered include culture, conformity and adaptation, family, cultural diversity, social movements, racial and ethnic relations, and deviance and social control.
**BLENDED: First and last day of class will be in-person at Rampart HS.

153000 - Economics - BLENDED (1 credit):
Study the basic concepts of scarcity, opportunity cost, economic systems, and supply/demand. Topics covered include an understanding of the basic economic information distributed by mainstream media such as the unemployment rate, gross domestic product, inflation rate, monetary and fiscal policy, and how the economic decisions made by individuals, governments, and businesses impact members of society.
**BLENDED: First and last day of class will be in-person at Rampart HS.

154000A/B - World Regional Geography - BLENDED (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.
**BLENDED: First and last day of class will be in-person at Rampart HS.

157105 - Civics and Law - BLENDED (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.
**BLENDED: First and last day of class will be in-person at Rampart HS.

155506 A/B - US History/Geography - (1 credit):
Basic US History/Geography covers US History from the pre-colonial period to the present. The course is designed to develop an understanding of the birth and growth of the US to include people of varied backgrounds. Emphasis is placed on the cause and effect of relationships found throughout our nation’s history and geographical development as well as relationships between history and politics/economics. Students at the Basic level receive the standard curriculum with modified delivery. Assignments and assessments are modified to meet the needs of individual students,

155905B - World History and Geography - BLENDED (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.
**BLENDED: First and last day of class will be in-person at Rampart HS.

153015 - Personal Finance - 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.
**BLENDED: First and last day of class will be in-person at Rampart HS.

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. 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.
- 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%.

CLASS OPTIONS

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; teacher contact is limited.
SESSION II COURSES: JULY 8-26

Students can earn one semester credit during each session of Summer School.

Rampart High School
8250 Lexington Dr
M–F, 8:00a.m. to noon

115100A - Consumer Math - BLENDED (1 credit):
Consumer Math is a course designated 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.

**BLENDED: First and last day of class will be in-person at Rampart HS.

111100B - Algebra 1 B - CLASSROOM or BLENDED (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.)

**BLENDED: First and last day of class will be in-person at Rampart HS.

116010B - Geometry B - CLASSROOM OR BLENDED (1 credit):
Prerequisite: Geometry A
The second semester continues with course material presented in the first semester of Geometry. (See course description for first semester.)

**BLENDED: First and last day of class will be in-person at Rampart HS.

111200B - Algebra 2 B - CLASSROOM OR BLENDED (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.)

**BLENDED: First and last day of class will be in-person at Rampart HS.

153015 - 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.

**ONLINE: First and last day of class will be in-person at Rampart HS.

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.

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.

**ONLINE: First and last day of class will be in-person at Rampart HS.

026050 - Digital Photography (1 credit):
Using computers and state of the art software, 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 final portfolio of images may be produced for exhibition. This is a hands-on lab oriented course.

Please note: A SanDisk of at least 4GB will be necessary.

062063 1B or 062067 2B - 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.

054200 – Creative Writing - ONLINE (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.

**ONLINE: First and last day of class will be in-person at Rampart HS.

053115A/B – World Literature and Composition - CLASSROOM or ONLINE (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.

**ONLINE: First and last day of class will be in-person at Rampart HS.

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

**ONLINE: First and last day of class will be in-person at Rampart HS.

053200A/B – Contemporary Literature - CLASSROOM or ONLINE (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.

**ONLINE: First and last day of class will be in-person at Rampart HS.

053500 – Mythology - (1 Credit):
Students will study the connection between classical myths and myths of modern culture.

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.

**ONLINE: First and last day of class will be in-person at Rampart HS.

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.

**ONLINE: First and last day of class will be in-person at Rampart HS.

132015B – Biology B – CLASSROOM OR ONLINE (1 credit):
Prerequisite: Biology A
Biology provides crucial background 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.

**ONLINE: First and last day of class will be in-person at Rampart HS.

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.
**ONLINE:** First and last day of class will be in-person at Rampart HS.

**132000 A/B—Anatomy and Physiology—ONLINE (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.

**ONLINE:** First and last day of class will be in-person at Rampart HS.

**134410—Marine Biology—ONLINE (1 credit)**

In this course, students will learn about the physical structure and chemistry of the ocean, the diversity of ocean life, marine ecology, and the scope and impact of human interactions with the oceans. Laboratory activities reinforce concepts and principles presented.

**ONLINE:** First and last day of class will be in-person at Rampart HS.

**130000 A/B—Physical Science—ONLINE (1 credit)**

This is not Physics

Physical Science covers the physics topics of motion, forces, energy, light, optics, electricity, and magnetism as well as the chemistry topics of atomic structure changes in matter, changes in energy and laboratory methods and measurements.

**ONLINE:** First and last day of class will be in-person at Rampart HS.

**134205—Geology/Paleontology—ONLINE (1 credit)**

Paleontology is the study of prehistoric life as represented by fossils of plants, animals, and other organisms. Topics covered include methods of dating rocks and fossils, evolution of life on earth, and physical anthropology. Students complete labs, projects, and perform research.

**ONLINE:** First and last day of class will be in-person at Rampart HS.

**134410—Marine Biology—ONLINE (1 credit)**

In this course, students will learn about the physical structure and chemistry of the ocean, the diversity of ocean life, marine ecology, and the scope and impact of human interactions with the oceans. Laboratory activities reinforce concepts and principles presented.

**ONLINE:** First and last day of class will be in-person at Rampart HS.

**132405—Environmental Science—ONLINE (1 credit)**

Environmental Science explores the natural world from an ecological and human point of view. Topics covered include types of ecosystems, non-living and living components of ecosystems (including plants, animals, bacteria, fungi, and single-celled organisms), interactions between the non-living and living components, population studies, and animal behavior. In addition, this course also examines discussions on environmental law, economics, ethics, and how humans are impacting the natural world. Lab investigations, field studies, and research projects are undertaken to examine each topic.

**ONLINE:** First and last day of class will be in-person at Rampart HS.

**158000—Psychology—ONLINE (1 credit)**

Students will study the basic psychological theories and how they are applied. Topics include neurobiology, sensation and perception, development, learning, memory, disorders and treatment, and social psychology. Discussion is an integral part of this class and student are expected to share ideas and be respectful of other’s beliefs and opinions.

**ONLINE:** First and last day of class will be in-person at Rampart HS.

**151000—Sociology—ONLINE (1 credit)**

Study the basic components of society. Topics covered include culture, conformity and adaptation, family, cultural diversity, social movements, racial and ethnic relations, and deviance and social control.

**ONLINE:** First and last day of class will be in-person at Rampart HS.

**153000—Economics—ONLINE (1 credit)**

Study the basic concepts of scarcity, opportunity cost, economic systems, and supply/demand. Topics covered include an understanding of the basic economic information distributed by mainstream media such as the unemployment rate, gross domestic product, inflation rate, monetary and fiscal policy, and how the economic decisions made by individuals, governments, and businesses impact members of society.

**ONLINE:** First and last day of class will be in-person at Rampart HS.

**145400 A/B—World Regional Geography—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.

**ONLINE:** First and last day of class will be in-person at Rampart HS.

**157105—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.

**ONLINE:** First and last day of class will be in-person at Rampart HS.

**155905 A/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.

**ONLINE:** First and last day of class will be in-person at Rampart HS.

**155806 A/B—US History/Geography—ONLINE (1 credit)**

Basic US History/Geography covers US History from the pre-colonial period to the present. The course is designed to develop an understanding of the birth and growth of the US to include people of varied backgrounds. Emphasis is placed on the cause and effect of relationships found throughout our nation’s history and geographical development as well as relationships between history and politics/economics. Students at the Basic level receive the standard curriculum with modified delivery. Assignments and assessments are modified to meet the needs of individual students. 

**153015—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.

**ONLINE:** First and last day of class will be in-person at Rampart HS.

**191200—Credit Recovery (1 credit) (ONLINE)**

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. 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%

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