

# Rachel Carson Middle School



Home of the Panthers

## Course Offering Booklet 2025-2026

13618 McLearen Drive • Herndon, VA 20171  
[carsonms.fcps.edu/student-services](http://carsonms.fcps.edu/student-services)

# 2025-2026 Carson MS

*Courses listed are base courses.*

## COMPUTER SCIENCE

### Coding & Innov Tech

Grade: 7, 8

(616032)

Credit: non-credit

Prerequisite: Computer Solutions or equivalent skills

Coding and Innovative Technologies introduces students to coding and emerging technology through hands-on projects. Students will learn introductory coding concepts including HTML, CSS and JavaScript through a variety of interactive web sites. In addition, students will actively use technology to complete small group or individual projects. Students become confident in their ability to program and are prepared to use tools that are becoming standard in the workplace and in everyday life. Contextual instruction and student participation in co-curricular career and technical student organization (CTSO) activities will develop leadership, interpersonal, and career skills.

### Coding & Innov Tech 2

(616062)

Grade: 7, 8

Credit: non-credit

Prerequisite: Coding and Innovative Technologies

Coding and Innovative Technologies 2 building on the foundation knowledge gained in Coding & Innovative Technologies. CIT 2 allows students to further develop their coding skills through hands-on projects. Students will build upon the JavaScript concepts learned in CIT 1 and develop basic coding skills in Python through a variety of interactive web sites. In addition, students will actively use technology to complete small group or individual projects. Students become confident in their ability to program and are prepared to use tools that are becoming standard in the workplace and in everyday life. Contextual instruction and student participation in co-curricular career and technical student organization (CTSO) activities will develop leadership, interpersonal, and career skills.

## CTE

### BUSINESS & INFORMATION TECHNOLOGY

#### Computer Solutions

Grade: 7, 8

(660932)

Credit: non-credit

Computer Solutions uses project based learning to teach practical computer skills that can be applied to all courses across the curriculum. Instruction includes units in proper keyboarding technique, computer components, operating systems, file management, presentation tools, spreadsheets and charting, data analytics, word processing, integrated projects, internet research tools, digital citizenship and Internet safety. This is achieved through a variety of projects and activities designed to engage all learners. Contextual instruction and student participation in co-curricular career and technical student organization (CTSO) activities will develop leadership, interpersonal, and career skills.

#### Coding & Innov Tech

Grade: 7, 8

(616032)

Credit: non-credit

Prerequisite: Computer Solutions or equivalent skills

Coding and Innovative Technologies introduces students to coding and emerging technology through hands-on projects. Students will learn introductory coding concepts including HTML, CSS and JavaScript through a variety of interactive web sites. In addition, students will actively use technology to complete small group or individual projects. Students become confident in their ability to program and are prepared to use tools that are becoming standard in the workplace and in everyday life. Contextual instruction and student participation in co-curricular career and technical student organization (CTSO) activities will develop leadership, interpersonal, and career skills.

### Coding & Innov Tech 2

(616062)

Grade: 7, 8

Credit: non-credit

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Coding and Innovative Technologies 2 building on the foundation knowledge gained in Coding & Innovative Technologies. CIT 2 allows students to further develop their coding skills through hands-on projects. Students will build upon the JavaScript concepts learned in CIT 1 and develop basic coding skills in Python through a variety of interactive web sites. In addition, students will actively use technology to complete small group or individual projects. Students become confident in their ability to program and are prepared to use tools that are becoming standard in the workplace and in everyday life. Contextual instruction and student participation in co-curricular career and technical student organization (CTSO) activities will develop leadership, interpersonal, and career skills.

## CTE

### FAMILY & CONSUMER SCIENCES

#### Family & Consumer Sci 1

(826332)

Grade: 7, 8

Credit: non-credit

Family & Consumer Science 1 emphasizes personal responsibility for the demands of multiple life roles through hands-on, project-based instruction. Students learn how to maintain their living environments and to demonstrate nutrition and wellness practices. Instruction is also provided in childcare and leadership skills. Contextual instruction and student participation in co-curricular career and technical student organization (CTSO) activities will develop leadership, interpersonal, and career skills. High-quality work-based learning (HQWBL) will provide experiential learning opportunities related to students' career goals and/or interests, integrated with instruction, and performed in partnership with local businesses and organizations.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

#### Family & Consumer Sci 2

(824432)

Grade: 7, 8

Credit: non-credit

Family & Consumer Science 2 provides a foundation in life skills through project based instruction. Students focus on building better lives, becoming career-ready, building stronger families to enable them to make meaningful contributions in their communities. Students enrich their knowledge of textiles, nutrition and wellness practices and maximize consumer and family resources. The course provides students with leadership service in action and career exploration that will assist students in high school course selection. Contextual instruction and student participation in co-curricular career and

technical student organization (CTSO) activities will develop leadership, interpersonal, and career skills. High-quality work-based learning (HQWBL) will provide experiential learning opportunities related to students' career goals and/or interests, integrated with instruction, and performed in partnership with local businesses and organizations.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

## **CTE TECHNOLOGY AND ENGINEERING EDUCATION**

### **Engr 1 Design & Model**

(846432)

Grade: 7, 8

Credit: non-credit

#### **(Level 1 Course)**

Engineering 1 Design & Modeling students apply the engineering design process to solve real world problems and understand the influence of creativity and innovation in their lives. This course challenges students to develop higher order problem solving skills by stimulating creativity in a hands-on learning environment. Academic subject disciplines such as applied physics, algebra, and geometry powerfully come alive as students design, build, and test modern structure and vehicle prototypes. Students acquire 21st Century Skills like communication and team problem solving, through the mastery of engineering concepts such as CAD and mechanical advantage. Contextual instruction and student participation in co-curricular career and technical student organization (CTSO) activities will develop leadership, interpersonal, and career skills. High-quality work-based learning (HQWBL) will provide experiential learning opportunities related to students' career goals and/or interests, integrated with instruction, and performed in partnership with local businesses and organizations.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

### **Engr 2 Sim & Fab**

(846332)

Grade: 7, 8

Credit: non-credit

Prerequisite: Engineering 1 - Design and Modeling (846432)

#### **(Level 2 Course)**

Engineering 2 Simulation & Fabrication students will experience how science, technology, engineering, and mathematics interact to create our technological society. By active participation in research, design, fabrication, and prototype testing, students will explore various topics in Technology, such as structural engineering and transportation systems. Students will develop problem solving strategies and workplace skills that will be useful in 21st century careers. This course is a dynamic approach to many academic subject areas to include mathematics and science by physically demonstrating these concepts in real world applications with a focus on critical thinking skills and problem solving. Contextual instruction and student participation in co-curricular career and technical student organization (CTSO) activities will develop leadership, interpersonal, and career skills. High-quality work-based learning (HQWBL) will provide experiential learning opportunities related to students' career goals and/or interests, integrated with instruction, and performed in partnership with local businesses and organizations.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

## **ENGLISH**

### **English 7**

(111000)

Grade: 7

Credit: non-credit

English 7 students read and study a variety of texts, building on an understanding of reading as a process that includes analysis and interpretation. Language study includes building vocabulary, learning about grammar, and spelling. Through varied and frequent writing assignments, students build on their understanding of writing as a process that includes drafting, revising, editing, proofreading, and publishing. They use writing to develop ideas and learn new concepts. Students also learn discussion skills, research skills, and oral communication skills, and learn to adapt speaking and listening to the audience, topic, purpose, and situation. Reading and writing competencies addressed in the Virginia Standards of Learning are incorporated into the course objectives.

**Students are required to complete one or more VDOE approved assessments if required for federal accountability or for use as a verified credit (high school credit courses only).**

### **English 7 HN**

Grade: 7

(111036)

Credit: non-credit

English 7 HN extends the standard program of studies. As students read and study a variety of texts, building on an understanding of reading as a process that includes analyzing and interpreting the text, they make connections across time, place, and subject; perform as a practitioner or scholar in a discipline; and self-assess and reflect on their learning and the learning process. Instruction is enriched and extended through research-based practices designed to engage and challenge advanced learners (e.g., problem-based learning, research, and investigations).

**Students are required to complete one or more VDOE approved assessments if required for federal accountability or for use as a verified credit (high school credit courses only).**

### **English 8**

Grade: 8

(112000)

Credit: non-credit

English 8 students read and study a variety of texts, building on an understanding of reading as a process that includes analysis and interpretation. Language study includes building vocabulary, learning about grammar, and spelling. Through varied and frequent writing assignments, students build on their understanding of writing as a process that includes drafting, revising, editing, proofreading, and publishing. Students practice a variety of writing forms including informational/technical and essay writing. All students learn research skills and adapt speaking and writing skills to the audience, topic, purpose, and situation. Reading and writing competencies addressed in the Virginia Standards of Learning are incorporated into the course objectives.

**Students are required to complete one or more VDOE approved assessments if required for federal accountability or for use as a verified credit (high school credit courses only).**

### **English 8 HN**

Grade: 8

(112036)

Credit: non-credit

English 8 HN extends the standard program of studies for English 8. As students read and study a variety of texts, building on an understanding of reading as a process that includes analyzing and interpreting the text, they make connections across time, place and subject; perform as a practitioner or scholar in a discipline; and self-assess and reflect on their learning and the learning process. Instruction is enriched and extended through research-based practices designed to engage and challenge advanced learners (e.g., problem-based learning, research, and investigations).

**Students are required to complete one or more VDOE approved assessments if required for federal accountability or for use as a verified credit (high school credit courses only).**

### **Creative Writing**

Grade: 6, 7, 8

(110862)

Credit: non-credit

Creative Writing students develop their creative writing skills with emphasis on building skills and expertise as writers. Instruction will focus on the writing of poetry, short stories, plays, etc. Students refine their skills using the Six Traits of Writing through planning, drafting, revising, and editing written work. Students expand their writing skills through analyzing and evaluating their own writing and that of others.

### **LAP Literacy Acc Part**

(110867)

Grade: 7, 8

Credit: non-credit

LAP Literacy Acc Part intervention course is designed to meet the needs of students whose literacy is below grade level expectations. This is a blended learning course that addresses individual student needs through a combination of direct teacher instruction using high-interest texts, choice reading, and individualized software. It can be accessed by both seventh and eighth graders from ESOL, general, and special education populations. Depending on their progress, some students might be in the course for two years.

### **Lit Arts/Journal News**

(116168)

*Newspaper*

Grade: 6, 7, 8

Credit: non-credit

Literary Arts/Journal Newspaper students learn basic publication and journalism skills focusing on writing articles and designing layouts for a newspaper, yearbook, and literary magazine.

*Semester Journalism course that will develop the school newspaper.*

### **Media Communication**

(139062)

*RCTV Broadcasting*

Grade: 7, 8

Credit: non-credit

Through Media Communication, students will apply communication skills using different types of media. Students will learn and use the correct vocabulary while working in this course. Students will earn the tools for working in front of and behind the cameras. Additional skills covered include: audio and video editing, script writing, creating story boards, correct interview skills, wiring audio and video equipment, correct research, digital photography, and using computer software for presentations. Students will be responsible for creating, producing, and airing shows for broadcast.

*This course is for 8th-grade students only*

## **ENGLISH FOR SPEAKERS OF OTHER LANGUAGES**

### **Academic Language**

(573061)

Grade: 7, 8

Credit: one

•573061-General •573066-(Opt. Grade 6) •573063-(Opt. Grade 7) •573065-(Opt. Grade 8)

English language development (ELD) is direct language instruction in the 2 modes of communication: the interpretive mode (listening, reading, and viewing) and the expressive mode (writing, speaking, and representing). ELD is standards-based instruction aligned to the 5 WIDA ELD Standards, and academic content is used as the context for language learning. Teachers use the WIDA Proficiency Level Descriptors to set individualized goals for language development, monitor students' progress toward those goals, and plan for meaningful instruction. This course is designed for students at the advanced levels of English language discourse.

### **Academic Language 7**

(573063)

Grade: 7

Credit: one

English language development (ELD) is direct language instruction in the 2 modes of communication: the interpretive mode (listening,

reading, and viewing) and the expressive mode (writing, speaking, and representing). ELD is standards-based instruction aligned to the 5 WIDA ELD Standards, and academic content is used as the context for language learning. Teachers use the WIDA Proficiency Level Descriptors to set individualized goals for language development, monitor students' progress toward those goals, and plan for meaningful instruction. This course is designed for students at the advanced levels of English language discourse.

### **Academic Language 8**

(573065)

Grade: 8

Credit: one

English language development (ELD) is direct language instruction in the 2 modes of communication: the interpretive mode (listening, reading, and viewing) and the expressive mode (writing, speaking, and representing). ELD is standards-based instruction aligned to the 5 WIDA ELD Standards, and academic content is used as the context for language learning. Teachers use the WIDA Proficiency Level Descriptors to set individualized goals for language development, monitor students' progress toward those goals, and plan for meaningful instruction. This course is designed for students at the advanced levels of English language discourse.

### **Beginning ELD 7**

(571064)

Grade: 7

Credit: one

English language development (ELD) is direct language instruction in the 2 modes of communication: the interpretive mode (listening, reading, and viewing) and the expressive mode (writing, speaking, and representing). ELD is standards-based instruction aligned to the 5 WIDA ELD Standards that targets language development at the word/phrase, sentence, and discourse levels of language. The WIDA Proficiency Level Descriptors are used to set individualized goals for language development, monitor students' progress toward those goals, and plan for meaningful instruction. This course is designed for students at the beginning levels of English language discourse. This course is designed for students at the beginning levels of English language discourse.

### **Beginning ELD 8**

(571066)

Grade: 8

Credit: one

English language development (ELD) is direct language instruction in the 2 modes of communication: the interpretive mode (listening, reading, and viewing) and the expressive mode (writing, speaking, and representing). ELD is standards-based instruction aligned to the 5 WIDA ELD Standards that targets language development at the word/phrase, sentence, and discourse levels of language. The WIDA Proficiency Level Descriptors are used to set individualized goals for language development, monitor students' progress toward those goals, and plan for meaningful instruction. This course is designed for students at the beginning levels of English language discourse. This course is designed for students at the beginning levels of English language discourse.

### **Civics 8 for MLs**

(571218)

Grade: 8

Credit: non-credit

#### **Recently Arrived ELs (WIDA ELP Level 1 & 2)**

Civics 8 for MLs is designed for Recently Arrived MLs (WIDA ELP level 1 & 2) to provide content embedded ELD aligned with the Civics Standards of Learning. This course extends the standard program of studies for Honors Civics and Economics in grade 8 which is designed to prepare students to be responsible, productive citizens in a democratic republic and an interconnected world. As they gain an understanding of the concepts and processes of democratic government and the American economic system the students will think conceptually; make connections across time, place and subject areas; perform as a practitioner or scholar in a discipline; and self-assess and reflect on their learning and the learning process. Students enrolled in the Honors course will have learning opportunities that enhance

independent work habits.

**Students are required to complete one or more VDOE approved assessments if required for federal accountability or for use as a verified credit (high school credit courses only).**

### **Developing ELD 7**

(572064)

Grade: 7

Credit: one

English language development (ELD) is direct language instruction in the 2 modes of communication: the interpretive mode (listening, reading, and viewing) and the expressive mode (writing, speaking, and representing). ELD is standards-based instruction aligned to the 5 WIDA ELD Standards that targets language development at the word/phrase, sentence, and discourse levels of language. The WIDA Proficiency Level Descriptors are used to set individualized goals for language development, monitor students' progress toward those goals, and plan for meaningful instruction. This course is designed for students at the beginning levels of English language discourse. This course is designed for students at the developing levels of English language discourse.

### **Developing ELD 8**

(572065)

Grade: 8

Credit: one

English language development (ELD) is direct language instruction in the 2 modes of communication: the interpretive mode (listening, reading, and viewing) and the expressive mode (writing, speaking, and representing). ELD is standards-based instruction aligned to the 5 WIDA ELD Standards that targets language development at the word/phrase, sentence, and discourse levels of language. The WIDA Proficiency Level Descriptors are used to set individualized goals for language development, monitor students' progress toward those goals, and plan for meaningful instruction. This course is designed for students at the beginning levels of English language discourse. This course is designed for students at the developing levels of English language discourse.

### **English 7 for MLs**

(571063)

Grade: 7

Credit: non-credit

#### **WIDA ELP LEVEL 1&2**

English 7 for MLs is designed for beginning Multilingual learners to develop content understandings and English language proficiency simultaneously. Students read and analyze a variety of linguistically appropriate literary and nonfiction texts, exploring the characteristics of different forms and the techniques authors use to achieve their intended purpose. Language study extends students' vocabulary through learning about connotations, denotations, word origins, and structures. Students apply their understanding of grammar, capitalization, punctuation, spelling, sentence structure, and paragraphing to varied and frequent writing assignments. Through narrative, expository, and persuasive writings, students build on their understanding of writing as a process of prewriting, drafting, revising, and publishing. In the research process, students find, evaluate, and select appropriate sources to access information to create a research product. They also develop communication skills through listening to and practicing oral presentations. This course is aligned to the WIDA English language development standards and the English 7 Standards of Learning. **Students are required to complete one or more VDOE approved assessments if required for federal accountability or for use as a verified credit (high school credit courses only).**

### **English 8 for MLs**

(571065)

Grade: 8

Credit: non-credit

#### **WIDA ELP LEVEL 1&2**

English 8 for MLs is designed for beginning Multilingual learners to develop content understandings and English language proficiency simultaneously. Students read and analyze a variety of linguistically appropriate literary and nonfiction texts, exploring the characteristics of

different forms and the techniques authors use to achieve their intended purpose. Language study extends students' vocabulary through learning about connotations, denotations, word origins, and structures. Students apply their understanding of grammar, capitalization, punctuation, spelling, sentence structure, and paragraphing to varied and frequent writing assignments. Through narrative, expository, and persuasive writings, students build on their understanding of writing as a process of prewriting, drafting, revising, and publishing. In the research process, students find, evaluate, and select appropriate sources to access information to create a research product. They also develop communication skills through listening to and practicing oral presentations. This course is aligned to the WIDA English language development standards and the English 8 Standards of Learning.

**Students are required to complete one or more VDOE approved assessments if required for federal accountability or for use as a verified credit (high school credit courses only).**

### **Numeracy Foundations 7**

(571300)

Grade: 7

Credit: non-credit

Corequisite: Students must also be enrolled in 571392

#### **Recently arrived MLs (ELP level 1 & 2) with SLIFE Status Double blocked course 571300 paired with 571392**

Numeracy Foundations 7 is designed for Recently Arrived MLs at ELP levels 1 and 2 with a SLIFE status and numeracy needs. Numeracy Foundations focuses on the essential learning of whole number topics such as number words and numerals, structuring numbers, base-ten place value, addition and subtraction, and equalities. Learning opportunities for students should be based on individualized need and may the following topics: counting and patterns, place value, operations, fractions, and whole number computation. This is the first block in a double block course.

**Students are required to complete one or more VDOE approved assessments if required for federal accountability or for use as a verified credit (high school credit courses only).**

### **Numeracy Foundations 8**

(571390)

Grade: 8

Credit: non-credit

Corequisite: Students must also be enrolled in 571393

#### **Recently Arrived MLs (ELP level 1 & 2) with SLIFE Status Double blocked course 571390 paired with 571393**

Numeracy Foundations 8 is designed for Recently Arrived MLs at ELP levels 1 and 2 with a SLIFE status and numeracy needs. Numeracy Foundations focuses on the essential learning of whole number topics such as number words and numerals, structuring numbers, base-ten place value, addition and subtraction, and equalities. Learning opportunities for students should be based on individualized need and may the following topics: counting and patterns, place value, operations, fractions, and whole number computation. This is the first block in a double block course.

**Students are required to complete one or more VDOE approved assessments if required for federal accountability or for use as a verified credit (high school credit courses only).**

### **History 7 for MLS**

(571217)

Grade: 7

Credit: non-credit

#### **Recently Arrived ELs (WIDA ELP LEVEL 1 & 2)**

History 7 for MLs is designed for Recently Arrived ELs (WIDA ELP level 1 & 2) to provide content embedded ELD aligned with the grade seven program. The grade seven course provides a survey of the political, economic, and social challenges facing the United States from the Reconstruction Era to present day. Students will use historical thinking skills required for geographic analysis, economic decision making, and responsible citizenship. Students will understand how the

role of the American experience influenced world affairs.

## FINE ARTS MUSIC

**Beginning Band** (923210)  
Grade: 6, 7, 8 Credit: non-credit

Prerequisite: none

Beginning Band students develop skills on woodwind, brass, or percussion instruments. Guidance will be given by the instructor in the selection of an instrument. Simple duets, rounds, and other ensemble literature will be performed in class. Students must meet both the school day and outside of the school day participation requirements to receive credit for the course.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

**Intermediate Band** (923310)  
Grade: 7, 8 Credit: non-credit

Prerequisite: Successful audition

### Level 1

Intermediate Band students will continue to develop skills on woodwind, brass, or percussion instruments. A variety of musical styles will be studied through the playing of band literature. Students must meet both the school day and outside of the school day participation requirements to receive credit for the course.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

**Advanced Band** (923410)  
*Concert*  
Grade: 7, 8 Credit: non-credit

Prerequisite: Successful audition

### Level 1

Advanced Band students study musical concepts that will be conceptualized through challenging band literature. Students must meet both the school day and outside of the school day participation requirements to receive credit for the course.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

**Beginning Band** (923211)  
Grade: 6, 7, 8 Credit: non-credit

Prerequisite: none

Beginning Band students develop skills on woodwind, brass, or percussion instruments. Guidance will be given by the instructor in the selection of an instrument. Simple duets, rounds and other ensemble literature will be performed in the class. Students must meet both the school day and outside of the school day participation requirements to receive credit for the course.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

**Intermediate Band** (923311)  
*Cadet 1*  
Grade: 6, 7, 8 Credit: non-credit

Prerequisite: Successful audition

### Level 2

Intermediate band students will continue to develop skills on woodwind, brass, or percussion instruments. A variety of musical styles will be studied through the playing of band literature. Students must meet both the school day and outside of the school day participation requirements to receive credit for the course.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

**Advanced Band** (923411)  
*Symphonic*  
Grade: 7, 8 Credit: non-credit

Prerequisite: Successful audition

### Level 2

Advanced band students study musical styles that will be conceptualized through challenging band literature. Students must meet both the school day and outside of the school day participation requirements to receive credit for the course.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

**Percussion Ensemble** (925010)  
Grade: 6, 7, 8 Credit: non-credit

Prerequisite: Successful audition

Corequisite: May require membership in another music class

Percussion Ensemble students study appropriate percussion ensemble literature, techniques, and rehearse various areas of musical composition. Instrumentation of the group is at the discretion of the instructor and is unique to the percussion curriculum. Students must meet both the school day and outside of the school day participation requirements to receive credit for the course.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

**Woodwind Ensemble** (925013)  
Grade: 7, 8 Credit: non-credit

Prerequisite: Successful audition

Corequisite: May require membership in another music class

Woodwind ensemble students study appropriate ensemble literature, woodwind techniques, and rehearsal and performance techniques from the various areas of musical composition. Instrumentation of the group is at the discretion of the instructor and is unique to the woodwind curriculum. Students must meet both the school day and outside of the school day participation requirements to receive credit for the course.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

**Mixed Ensemble** (925014)  
*Chamber*  
Grade: 7, 8 Credit: non-credit

Prerequisite: Successful audition

Corequisite: May require membership in another music class

Mixed ensemble students study appropriate ensemble literature, techniques and rehearsal and performance techniques from the various areas of musical composition. Instrumentation of the group is at the discretion of the instructor and is designed to meet specific needs and/or interests of the students. Students must meet both the school day and outside of the school day participation requirements to receive credit for the course.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

**Beginning Orchestra** (923710)  
Grade: 6, 7, 8 Credit: non-credit

Prerequisite: none

Beginning Orchestra students develop skills on the violin, viola, cello, and double bass. Guidance will be given by the instructor in the selection of an instrument. Simple duets, rounds, and other literature will be performed in class. Students must meet both the school day and outside of the school day participation requirements to receive credit for the course.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

**Intermediate Orchestra** (923810)  
Grade: 7, 8 Credit: non-credit

Prerequisite: Successful audition

**Level 1**

Intermediate Orchestra students will continue to develop skills on violin, viola, cello, and double bass. A variety of musical styles will be studied through the playing of string orchestra literature. Students must meet both the school day and outside of the school day participation requirements to receive credit for this course.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

**Advanced Orchestra** (923910)  
*Concert 8*  
Grade: 7, 8 Credit: non-credit

Prerequisite: Successful audition

**Level 1**

Advanced Orchestra students study musical styles that will be conceptualized through challenging string orchestra literature, with an emphasis on upper level skills. Students must meet both the school day and outside of the school day participation requirements to receive credit for this course.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

**Advanced Orchestra** (923911)  
*Symphonic*  
Grade: 7, 8 Credit: non-credit

Prerequisite: Successful audition

**Level 2**

Advanced Orchestra students study musical styles that will be conceptualized through challenging string orchestra literature, with an emphasis on upper level skills. Students must meet both the school day and outside of the school day participation requirements to receive credit for the course.

**This course requires a student materials fee as listed in FCPS**

**Notice 5922.**

**Beginning Chorus** (926010)  
Grade: 6, 7, 8 Credit: non-credit

Prerequisite: none

Beginning Chorus students study proper vocal techniques, music fundamentals, sight reading, unison and two-part singing. Types of performances may include formal and informal concerts which may involve movement choreography. Students must meet both the school day and outside of the school day participation requirements to receive credit for the course.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

**Soprano Alto Chorus** (926011)  
Grade: 6, 7, 8 Credit: non-credit

Prerequisite: none

Soprano/Alto Chorus students develop skills as individual musicians and as members of an ensemble. Emphasis is placed upon vocalization and sight-singing through the use of appropriate choral literature. Students must meet both the school day and outside of the school day participation requirements to receive credit for the course.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

**Tenor Bass Chorus** (926012)  
Grade: 6, 7, 8 Credit: non-credit

Prerequisite: none

Tenor Bass Students participate in a choral experience designed to develop skills as individual musicians and as members of an ensemble. Emphasis is placed upon vocalization and sight-singing through the use of appropriate choral literature. Students must meet both the school day and outside of the school day participation requirements to receive credit for the course.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

**Inter Sopr Alto Chorus** (928511)  
Grade: 7, 8 Credit: non-credit

Prerequisite: Beginning Chorus, or successful audition

Intermediate Soprano/Alto chorus students continue to study correct vocal production and musicianship through the study of appropriate choral literature. Students must meet both the school day and outside of the school day participation requirements to receive credit for the course.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

**Advanced Chorus** (928910)  
Grade: 7, 8 Credit: non-credit

Prerequisite: Successful audition

Advanced Chorus students study vocal techniques, music fundamentals, sight reading, three and/or four part singing. Types of performances may include formal and informal concerts which may involve movement/choreography. Students must meet both the school day and outside of the school day participation requirements to receive credit for the course.

**This course requires a student materials fee as listed in FCPS**

**Notice 5922.**

**String Ensemble**

(925011)

Grade: 7, 8

Credit: non-credit

Prerequisite: Successful audition

Corequisite: May require membership in another music class

String ensemble students study appropriate ensemble literature, techniques, and rehearsal and performance techniques from the various areas of musical composition. Instrumentation of the group is at the discretion of the instructor and is unique to the string ensemble curriculum. Students must meet both the school day and outside of the school day participation requirements to receive credit for the course.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

*Prerequisite: Successful audition, at least one year playing experience.*

**Adv Sopr Alto Chorus**

(928911)

Grade: 7, 8

Credit: non-credit

Prerequisite: Successful audition

Advanced Soprano/ Alto Chorus students explore advanced vocal techniques, music fundamentals, sight-reading, and three and/or four part singing. Types of performances may include formal and informal concerts which may involve movement/choreography. Students must meet both the school day and outside of the school day participation requirements to receive credit for the course.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

**Adv Tenor Bass Chorus**

(928912)

Grade: 7, 8

Credit: non-credit

Advanced Tenor/Bass Chorus students explore advanced vocal techniques, music fundamentals, sight-reading, and three and/or four part singing. Types of performances may include formal and informal concerts which may involve movement/choreography. Students must meet both the school day and outside of the school day participation requirements to receive credit for the course.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

**Vocal Ensemble**

(928010)

Grade: 7, 8

Credit: non-credit

Prerequisite: Successful audition

Corequisite: May require membership in another music class.

Vocal ensemble students study appropriate ensemble literature, rehearsal and performance techniques and various areas of musical composition. Schools may also require membership in an intermediate or advanced choral class. Voicing of the group is at the discretion of the instructor. Students must meet both the school day and outside of the school day participation requirements to receive credit for the course.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

**Music Partic Lab 2**

(921332)

Grade: 8

Credit: non-credit

Prerequisite: Successful completion of Music Participation Lab 1 or permission of the instructor

Music Participation Lab 2 students study music through singing, listening, playing instruments, moving, and improvising. This course may be offered as an expansion of Music Participation Lab I. Other experiences may include vocal and instrumental ensembles, musical dramatizations, contemporary music, computer music, guitar, piano, and/or recorder.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

**Guitar**

(924562)

Grade: 7, 8

Credit: non-credit

Prerequisite: none

Guitar Students learn the fundamentals of guitar. Guitar instruction emphasizes basic technique, reading, progressions, and music theory. Instructional literature is selected from classical and contemporary repertoire. Guest artists and field trips to performances and/or seminars may also be part of the curriculum.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

**FINE ARTS  
THEATRE ARTS**

**Theatre Arts Appr**

(139067)

Grade: 6, 7, 8

Credit: non-credit

Prerequisite: None

Theatre Arts Appreciation is a course where students will be introduced to the basic concepts of performance and collaboration while exploring the role of theatre in their local and global communities. By observing and participating in various performance activities, students will strengthen creativity, confidence, and communication. Students will utilize skills and knowledge acquired to foster an appreciation of theatre.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

**Adv Theatre Arts Appr**

(139568)

Grade: 7, 8

Credit: non-credit

Prerequisite: Theatre Arts Appreciation and/or recommendation of theatre arts teacher.

Advanced Theatre Arts Appreciation is a course where students will build upon concepts acquired in Theatre Arts Appreciation by participating in various theatre activities and performances. Students will deepen their appreciation of theatre by analyzing, applying, and enhancing the skills developed in the introductory course. This course is designed for students who are interested in a further enriched study of theatre arts. Participation in co-curricular theatre performances may be required.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

**Speech & Theatre Appr**

(139063)

Grade: 6, 7, 8

Credit: non-credit

Prerequisite: None

Speech and Theatre Arts Appreciation is a course where students will be introduced to the basic concepts of oral communication and performance while exploring the role of speech and theatre in their local and global communities. Through observing and participating in various speech and performance activities, students will strengthen



creativity, confidence, and collaboration. Students will utilize skills and knowledge acquired to foster an appreciation of speech and theatre. **This course requires a student materials fee as listed in FCPS Notice 5922.**

**Tech Theatre Appr** (139065)  
Grade: 7, 8 Credit: non-credit

Prerequisite: None

Technical Theatre Appreciation is a semester long course where students will be introduced to the basic concepts of technical theatre and collaboration. Through participation in various projects and activities, students will explore production areas including lighting, sound, scenery, costumes, hair, makeup, and design. Students will utilize skills and knowledge acquired to foster an appreciation of technical theatre and design.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

*No prerequisite.*

## FINE ARTS VISUAL ARTS

**Art Foundations** (910500)  
Grade: 7, 8 Credit: non-credit

Art Foundations provides opportunities to explore a variety of art materials, develop art techniques, and use creative thinking skills to express ideas and viewpoints related to the theme of transformation. Use a variety of problem-solving approaches to explore concepts, analyze, respond to, and produce meaningful drawings, paintings, prints, sculptures, ceramics and crafts in a studio setting. Study artists and their works to gain understanding of the artistic process and learn about art produced at different times and in diverse cultures.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

**Art Foundations** (910532)  
Grade: 7, 8 Credit: non-credit

Art Foundations provides opportunities to explore a variety of art materials, develop art techniques, and use creative thinking skills to express ideas and viewpoints related to the theme of transformation. Use a variety of problem solving approaches to explore concepts, analyze, respond to, and produce meaningful drawings, paintings, prints, sculptures, ceramics and crafts in a studio setting. Study artists and their works to gain understanding of the artistic process and learn about art produced at different times and in diverse cultures.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

**Art Extensions** (911500)  
Grade: 8 Credit: non-credit

Prerequisite: Art Foundations

Art Extensions provides opportunities to use new materials and techniques, refine artmaking skills, and express ideas related to the theme of relationships. Develop a personal style and attain a high level of quality and craftsmanship in drawing, painting, printmaking, sculpture, ceramics, and crafts. Expand the use of problem-solving approaches to explore concepts, analyze, respond to, and produce innovative and meaningful artworks. Study historical and contemporary artists from different times and diverse cultures and learn to critique personal artworks and the works of others to inform personal artmaking.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

**3D Art Exploration** (910632)  
Grade: 7, 8 Credit: non-credit

Prerequisite: Art Foundations or eighth grade standing

3D Art Exploration is a semester-long course. Construct and form three-dimensional sculptures, ceramic objects, models, and installations that express ideas related to the theme of boundaries. Use a variety of problem solving approaches to interpret concepts, develop personal style, and refine skills to create meaningful artworks using traditional and non-traditional materials, tools, and processes. Investigate three-dimensional artworks produced by historical and contemporary artists to inform the artmaking process.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

**Computers in Art** (911560)  
Grade: 7, 8 Credit: non-credit

Prerequisite: Art Foundations or eighth grade standing

Computers in Art provides opportunities to integrate digital technology with traditional art media and practices to create original artwork related to the theme of roles. Work with a variety of software applications, tools, and equipment to create digital images, interactive art, animations, and games. Use problem solving skills to develop personal style, interpret concepts, and explore ethical issues concerning computer generated imagery. Investigate current artists and trends in technological advancements to examine how art is evolving and develop new solutions to artmaking challenges. Prior computer experience is not required.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

**Computers in Art** (911562)  
Grade: 7, 8 Credit: non-credit

Prerequisite: Art Foundations or eighth grade standing

Computers in Art provides opportunities to integrate digital technology with traditional art media and practices to create original artwork related to the theme of roles. Work with a variety of software applications, tools, and equipment to create digital images, interactive art, animations, and games. Use problem solving skills to develop personal style, interpret concepts, and explore ethical issues concerning computer generated imagery. Investigate current artists and trends in technological advancements to examine how art is evolving and develop new solutions to artmaking challenges. Prior computer experience is not required.

**This course requires a student materials fee as listed in FCPS Notice 5922.**

## GENERAL

**Strats for Success** (781932)  
Grade: 7, 8 Credit: non-credit

Strategies for Success is designed to provide support to a student in core curricular areas and to provide direct instruction in specific learning strategies, study skills, time management, organization, and self-advocacy skills. While students may receive assistance on core curricular assignments, the course is not designed to serve as a study hall and is meant to support the development of academic habits necessary for academic success. Students may enroll in this course multiple years as appropriate.

## HEALTH and PHYSICAL EDUCATION

**Health & PE 7**

(712000)

Grade: 7

Credit: non-credit

Health & PE 7 students strengthen and/or master basic skills developed at the elementary level. Emphasis is on highly organized lead-up activities, modified games, and fitness and wellness activities. Content knowledge includes skilled movement, anatomical basis of movement, personal fitness planning, social and emotional development, and energy balance. Health units include alcohol, tobacco, and other drug use prevention; personal health; mental health and wellness; injury and violence prevention; emotional and social health; and human growth and development.

**Health & PE 7**

(712033)

Grade: 7

Credit: non-credit

Health & PE 7 students strengthen and/or master basic skills developed at the elementary level. Emphasis is on highly organized lead-up activities, modified games, and fitness and wellness activities. Content knowledge includes skilled movement, anatomical basis of movement, personal fitness planning, social and emotional development, and energy balance. Health units include alcohol, tobacco, and other drug use prevention; personal health; mental health and wellness; injury and violence prevention; emotional and social health; and human growth and development.

**Health & PE 7**

(712034)

Grade: 7

Credit: non-credit

Health & PE 7 students strengthen and/or master basic skills developed at the elementary level. Emphasis is on highly organized lead-up activities, modified games, and fitness and wellness activities. Content knowledge includes skilled movement, anatomical basis of movement, personal fitness planning, social and emotional development, and energy balance. Health units include alcohol, tobacco, and other drug use prevention; personal health; mental health and wellness; injury and violence prevention; emotional and social health; and human growth and development.

**Health & PE 8**

(720000)

Grade: 8

Credit: non-credit

Health & PE 8 students continue to strengthen and/or master basic skills, participate in wellness activities, and analyze wellness data through fitness planning. Content knowledge includes skilled movement, anatomical basis of movement, personal fitness planning, social and emotional development, and energy balance. Health units include alcohol, tobacco, and other drug use prevention; personal health; mental health and wellness; injury and violence prevention; emotional and social health; and human growth and development.

**Health & PE 8**

(720033)

Grade: 8

Credit: non-credit

Health & PE 8 students continue to strengthen and/or master basic skills, participate in wellness activities, and analyze wellness data through fitness planning. Content knowledge includes skilled movement, anatomical basis of movement, personal fitness planning, social and emotional development, and energy balance. Health units include alcohol, tobacco, and other drug use prevention; personal health; mental health and wellness; injury and violence prevention; emotional and social health; and human growth and development.

**Health & PE 8**

(720034)

Grade: 8

Credit: non-credit

Health & PE 8 students continue to strengthen and/or master basic skills, participate in wellness activities, and analyze wellness data through fitness planning. Content knowledge includes skilled movement, anatomical basis of movement, personal fitness planning, social and emotional development, and energy balance. Health units include alcohol, tobacco, and other drug use prevention; personal health; mental health and wellness; injury and violence prevention; emotional and social health; and human growth and development.

**Adapted PE**

(770017)

Grade: 6, 7, 8

Credit: non-credit

Prerequisite: Student's I.E.P. designates Adapted Health and Physical Education

The adapted health and physical education course is a modified version of the general health and physical education course and is designed for students who have IEPs indicating adapted physical education services in a special education setting. Students strengthen and/or master basic skills developed at the elementary level. Emphasis is on organized lead-up activities, modified games, and fitness and wellness activities. Content areas include, rhythmic activities and dance, physical fitness, wellness-related testing, and application of skills in selected games and sports. Activities are individualized based on the students' present level of performance and identified areas of need and designed to maximize participation. Students will participate in modified health education units required of their grade level.

**MATHEMATICS****Mathematics 7**

(311100)

Grade: 7

Credit: non-credit

Prerequisite: Grade 6 mathematics

Mathematics 7 students examine algebra- and geometry-preparatory concepts and skills; strategies for collecting, analyzing, and interpreting data; and number concepts and skills, especially proportional reasoning. Reasoning, problem solving, communication, concept representation, and connections among mathematical ideas are emphasized in a hands-on learning environment. Graphing calculators and computers are integrated with instruction. This course provides students the opportunity to acquire the concepts and skills necessary for success in Algebra I or Algebra I Honors

**Students are required to complete one or more VDOE approved assessments if required for federal accountability or for use as a verified credit (high school credit courses only).**

**Mathematics 7 HN**

(311136)

Grade: 7

Credit: non-credit

Prerequisite: Grade 6 mathematics

The depth and level of understanding in Mathematics 7 Honors is based on Mathematics 8 curriculum and includes extensions and enrichment. Emphasis is placed on mathematical reasoning, non-routine problem solving, and algebraic connections among mathematical ideas. This course provides students the opportunity to acquire the concepts and skills necessary for success in Algebra I or Algebra I Honors. **Students are required to complete one or more VDOE approved assessments if required for federal accountability or for use as a verified credit (high school credit courses only).**

**Pre-Algebra**

(311200)

Grade: 8

Credit: non-credit

Prerequisite: Mathematics 7

Pre-Algebra students extend their study of algebra- and geometry-preparatory concepts and skills; strategies for collecting, analyzing, and interpreting data; and number concepts and skills, especially proportional reasoning. Reasoning, problem solving, communication, concept representation, and connections among mathematical ideas are emphasized in a hands-on learning environment. Graphing calculators and computers are integrated with instruction. This course provides students the opportunity to acquire the concepts and skills necessary for success in Algebra 1 or Algebra 1 Honors.

**Students are required to complete one or more VDOE approved assessments if required for federal accountability or for use as a verified credit (high school credit courses only).**

**Algebra 1** (313000)  
Grade: 8, 9, 10, 11 Credit: one

Prerequisite: Mathematics 7 and/or Pre-Algebra

Algebra 1 extends students' knowledge and understanding of the real number system and its properties through the study of variables, expressions, equations, inequalities, and analysis of data derived from real-world phenomena. Topics include linear equations and inequalities, systems of linear equations, relations, functions, polynomials, and statistics. Graphing utilities and other relevant technology tools will be used when appropriate to support instruction, especially to allow students to explore graphical, numerical, and symbolic relationships.

**Students are required to complete one or more VDOE approved assessments if required for federal accountability or for use as a verified credit (high school credit courses only).**

**Algebra 1 HN** (313036)  
Grade: 7, 8, 9 Credit: one / weighted +0.5

Prerequisite: Mathematics 7 and/or Pre-Algebra. Please note that there are additional placement criteria for students enrolling in this course in the seventh grade. Please contact the school for more information.

The depth and level of understanding expected in Algebra 1 Honors is beyond the scope of Algebra 1. Students are expected to master algebraic mechanics and understand the underlying theory, as well as apply the concepts to real-world situations in a meaningful way. Students extend knowledge and understanding of the real number system and its properties through the study of variables, expressions, equations, inequalities, and the analysis of data from real world phenomena. Emphasis is placed on algebraic connections to arithmetic, and geometry. Graphing utilities and other relevant technology tools will be used when appropriate to support instruction, especially to allow students to explore graphical, numerical, and symbolic relationships. Topics include linear equations and inequalities, systems of linear equations, relations, functions, polynomials.

**Students are required to complete one or more VDOE approved assessments if required for federal accountability or for use as a verified credit (high school credit courses only).**

*Prerequisite: Completion of Advanced Math Course in ES, Score on Math 7 SOL of 500 or higher, IAAT Score of 91 or higher*

**Geometry HN** (314336)  
Grade: 8, 9, 10 Credit: one / weighted +0.5

Prerequisite: Algebra 1

The depth and level of understanding expected in Geometry Honors is beyond the scope of Geometry. In this course, students develop reasoning skills through the exploration of geometric relationships including properties of geometric figures, trigonometric relationships, and mathematical proofs. In this course, students use various types of reasoning, justification, and methods of direct and indirect proof and interpret and determine the validity of conditional statements. There is an emphasis on two- and three-dimensional reasoning skills, coordinate and transformational geometry, and the use of geometric models to solve problems. Technology tools and dynamic geometry applications will be used to assist in teaching and learning.

**Students are required to complete one or more VDOE approved assessments if required for federal accountability or for use as a verified credit (high school credit courses only).**

**Algebra 2 HN** (313536)  
Grade: 8, 9, 10, 11 Credit: one / weighted +0.5

Prerequisite: Algebra 1 and Geometry

The depth and level of understanding expected in Algebra 2 Honors is beyond the scope of Algebra 2. Students are expected not only to master algebraic mechanics but also to understand the underlying theory and to apply the concepts to real-world situations in a meaningful way. A thorough treatment of advanced algebraic concepts is provided through the study of functions, polynomials, rational expressions, complex numbers, matrices, exponential and logarithmic equations, infinite geometric sequences and series, permutations and combinations, data analysis, and selected topics in discrete mathematics. Emphasis is on modeling, logic, and interpretation of results. A transformational approach to graphing is used with families of related graphs. Numerical, graphical, and algebraic solutions are considered for all problems, as applicable. Graphing utilities and other relevant technology tools will be used when appropriate to support instruction, especially to allow students to explore graphical, numerical, and symbolic relationships.

**Students are required to complete one or more VDOE approved assessments if required for federal accountability or for use as a verified credit (high school credit courses only).**

**Power Mathematics 7** (011060)  
Grade: 7 Credit: non-credit

Power Mathematics 7 is designed for students no more than two years below grade level. Using a school-based curriculum, Power Mathematics supports students' current learning in their core mathematics class. A specific focus is on number and number sense, computation and estimation, and pre-teaching content (front loading) to support student learning in the upcoming units of study in the core mathematics class.

**Power Mathematics 8** (011069)  
Grade: 8 Credit: non-credit

Power Mathematics 8 is designed for students no more than two years below grade level. Using a school-based curriculum, Power Mathematics supports students' current learning in their core mathematics class. A specific focus is on number and number sense, computation and estimation, and pre-teaching content (front loading) to support student learning in the upcoming units of study in the core mathematics class.

## SCIENCE

**Life Science** (411500)  
Grade: 7 Credit: non-credit

Life Science builds upon life sciences skills and understanding introduced to students in the upper-elementary grades. Students explore the cellular organization and the classification of organisms; the dynamic relationships among organisms, populations, communities, and ecosystems; and change as a result of the transmission of genetic information from generation to generation. Science and engineering practices are integrated throughout the course as students carry out investigations, evaluate the usefulness of models, collect and analyze data, and formulate evidence-based conclusions.

**Life Science HN** (411536)

Grade: 7

Credit: non-credit

Life Science HN builds upon life sciences skills and understanding introduced to students in the upper-elementary grades. Students explore the cellular organization and the classification of organisms; the dynamic relationships among organisms, populations, communities, and ecosystems; and change as a result of the transmission of genetic information from generation to generation. Science and engineering practices are integrated throughout the course as students carry out investigations, evaluate the usefulness of models, collect and analyze data, and formulate evidence-based conclusions. At the Honors level, instruction is enriched and extended through research-based practices that engage and challenge advanced learners. These include problem-based learning, investigative research, complex tasks that require higher-order thinking, interdisciplinary connections, and opportunities for independent investigations.

### Physical Science

(412500)

Grade: 8

Credit: non-credit

Physical Science builds upon physical science skills and understanding introduced to students in the upper-elementary grades. Major areas covered by the standards include the particle nature of matter; the organization and use of the periodic table; physical and chemical changes; energy transfer and transformations; properties of longitudinal and transverse waves; electricity and magnetism; and work, force, and motion. Science and engineering practices are integrated throughout the course as students carry out investigations, collect and analyze data, and formulate evidence-based conclusions. The end of course test covers content from Grades 6, 7, and 8.

**Students are required to complete one or more VDOE approved assessments if required for federal accountability or for use as a verified credit (high school credit courses only).**

### Physical Science HN

(412536)

Grade: 8

Credit: non-credit

Physical Science HN builds upon physical science skills and understanding introduced to students in the upper-elementary grades. Major areas covered by the standards include the particle nature of matter; the organization and use of the periodic table; physical and chemical changes; energy transfer and transformations; properties of longitudinal and transverse waves; electricity and magnetism; and work, force, and motion. Science and engineering practices are integrated throughout the course as students carry out investigations, collect and analyze data, and formulate evidence-based conclusions. The end of course test covers content from Grades 6, 7, and 8. At the Honors level, instruction is enriched and extended through research-based practices that engage and challenge advanced learners. These include problem-based learning, investigative research, complex tasks that require higher-order thinking, interdisciplinary connections, and opportunities for independent investigations.

**Students are required to complete one or more VDOE approved assessments if required for federal accountability or for use as a verified credit (high school credit courses only).**

## SOCIAL STUDIES

### US History 7

(235500)

Grade: 7

Credit: non-credit

The grade seven US History course provides a survey of the political, economic, and social challenges facing the United States from the Reconstruction Era to present day. Students will explore the complex relationships within the United States and with the global community. Students will use historical thinking skills required for geographic analysis, economic decision making, and responsible citizenship. Students will think conceptually; make connections across time, place and subject areas; and perform as a practitioner or scholar in a discipline.

### US History 7 HN

(235536)

Grade: 7

Credit: non-credit

This course extends the standard program of studies for US History in grade 7, a survey of American history since 1865. Students will explore the complex relationships within the United States and with the global community. Students will think conceptually; make connections across time, place and subject areas; and perform as a practitioner or scholar in a discipline. Students enrolled in the Honors course will have rigorous learning opportunities that enhance independent work habits.

### Civics 8

(235700)

Grade: 8

Credit: non-credit

Civics 8 is designed to prepare students to be responsible, productive citizens in a democratic republic and an interconnected world. Students will gain an understanding of the concepts and processes of democratic government and the American economic system. Students examine the role that citizens play in the political, governmental, and economic systems in the United States. Students will acquire knowledge of the structure and operation of these systems at the national, state and local levels. As they gain an understanding of the concepts and processes of democratic government and the American economic system the students will think conceptually; make connections across time, place and subject areas; perform as a practitioner or scholar in a discipline; and self-assess and reflect on their learning and the learning process. **Students are required to complete one or more VDOE approved assessments if required for federal accountability or for use as a verified credit (high school credit courses only).**

### Civics 8 HN

(235736)

Grade: 8

Credit: non-credit

This course extends the standard program of studies for Honors Civics and Economics in grade 8 which is designed to prepare students to be responsible, productive citizens in a democratic republic and an interconnected world. As they gain an understanding of the concepts and processes of democratic government and the American economic system the students will think conceptually; make connections across time, place and subject areas; perform as a practitioner or scholar in a discipline; and self-assess and reflect on their learning and the learning process. Students enrolled in the Honors course will have rigorous learning opportunities that enhance independent work habits. **Students are required to complete one or more VDOE approved assessments if required for federal accountability or for use as a verified credit (high school credit courses only).**

## SPECIAL EDUCATION

### Adapted PE

(770017)

Grade: 6, 7, 8

Credit: non-credit

Prerequisite: Student's I.E.P. designates Adapted Health and Physical Education

The adapted health and physical education course is a modified version of the general health and physical education course and is designed for students who have IEPs indicating adapted physical education services in a special education setting. Students strengthen and/or master basic skills developed at the elementary level. Emphasis is on organized lead-up activities, modified games, and fitness and wellness activities. Content areas include, rhythmic activities and dance, physical fitness, wellness-related testing, and application of skills in selected games and sports. Activities are individualized based on the students' present level of performance and identified areas of need and designed to maximize participation. Students will participate in modified health education units required of their grade level.

## **Life Skills**

Grade: 7, 8

(798816)

Credit: non-credit

Designed to prepare students for managing life after graduation with the maximum of independent functioning. Instruction is individualized to meet the needs of the students in the areas of life skills and work skills such as managing personal care, home care, community living, and interpersonal relationships skills needed for successful employment.

## **Personal Development**

Grade: 7, 8

(781540)

Credit: non-credit

Personal Development is designed to provide instruction to enhance personal development and interpersonal skills for students with disabilities. In addition, this course will provide social and/or emotional support in order to progress in the general education curriculum. Students who participate in the course have documented social and/or emotional goals in their Individualized Education Program (IEP) and/or have a Behavior Intervention Plan (BIP). The areas of instruction for this course include peer relations, self-management, academic skills, compliance skills, and assertion skills.

## **Strats for Success**

Grade: 7, 8

(781980)

Credit: non-credit

Strategies for Success is designed to provide support to a student in core curricular areas and to provide direct instruction in specific learning strategies, study skills, time management, organization, and self-advocacy skills. While students may receive assistance on core curricular assignments, the course is not designed to serve as a study hall and is meant to support the development of academic habits necessary for academic success. Students may enroll in this course multiple years as appropriate.

## **WORLD LANGUAGES CHINESE**

### **Chinese 1 Part A**

Grade: 7

(581300)

Credit: non-credit

Prerequisite: None

Chinese 1 Part A students begin to develop the ability to communicate about themselves and their immediate environment using simple sentences containing basic language structures. Students begin to study the POS themes and topics of level 1. Students also explore traditions, customs, beliefs, and cultural contributions and how these elements relate to language. This course does not count as a world languages high school credit.

*Credit: Non-credit*

### **Chinese 1 Part B**

Grade: 8

(581500)

Credit: one

Prerequisite: Chinese 1 Part A or demonstrated proficiency

Chinese 1 Part B students continue to develop the ability to communicate about themselves and their immediate environment using simple sentences containing basic language structures. This communication is evidenced in all four language skills - listening, speaking, reading and writing - with emphasis on the ability to communicate orally and in writing. Students continue to explore and study the POS themes and topics of level 1. Credit becomes a part of the high school transcript, is included in the determination of the high school grade point average (GPA), and counts towards fulfilling the world languages requirements of the high school Advanced Studies diploma. It also counts towards the number of credits required for high school graduation.

*Credit: 1*

## **WORLD LANGUAGES FRENCH**

### **French 1**

*French 1 Credit: 1*

Grade: 8, 9, 10, 11, 12

(511000)

Credit: one

French 1 students develop the ability to communicate about themselves and their immediate environment using simple sentences containing basic language structures. This communication is evidenced in all four language skills - listening, speaking, reading, and writing - with emphasis on the ability to communicate orally and in writing. Students begin to explore and study the POS themes of About Me, My Family, My School, Food, and Clothing. For middle school students this credit becomes a part of the high school transcript and is included in the determination of the high school grade point average (GPA) and counts toward fulfilling the world languages requirement of the high school Advanced Studies diploma. It also counts toward the total number of credits required for graduation.

*Also available to 7th graders at Rachel Carson Middle School*

### **French 2**

Grade: 8, 9, 10, 11, 12

(512000)

Credit: one

Prerequisite: French 1 or demonstrated proficiency

French 2 students continue to develop proficiency in all four language skills - listening, speaking, reading, and writing - with emphasis on the ability to communicate orally and in writing. They learn to function in real-life situations using more complex sentences and language structures. They read material on familiar topics and produce short writing samples. Students continue to explore as they study the POS themes of My Activities, My Home Life, Around Town/Travel, Health & Fitness, and Stories.

## **WORLD LANGUAGES JAPANESE**

### **Japanese 1 Part A**

Grade: 7

(591300)

Credit: non-credit

Prerequisite: none

In this course, students begin to develop the ability to communicate about themselves and their immediate environment using simple sentences containing basic language structures. Students begin to study the POS themes and topics of level 1. Students also explore traditions, customs, beliefs, and cultural contributions and how these elements relate to language. This course does not count as a world languages high school credit.

*Credit: Non-credit*

### **Japanese 1 Part B**

Grade: 8

(591500)

Credit: one

Prerequisite: Japanese 1 Part A or demonstrated proficiency

Japanese 1 Part B students continue to develop the ability to communicate about themselves and their immediate environment using simple sentences containing basic language structures. This communication is evidenced in all four language skills - listening, speaking, reading and writing - with emphasis on the ability to communicate orally and in writing. Students continue to explore and study the POS themes and topics of level 1. Credit becomes a part of the high school transcript, is included in the determination of the high school grade point average (GPA), and counts towards fulfilling the world languages requirements of the high school Advanced Studies diploma. It also counts towards the number of credits required for high school graduation.

*Credit: 1*

**Japanese Immersion 1**

(591067)

Grade: 7

Credit: one

Prerequisite: Grade 6 Immersion or demonstrated proficiency

Japanese Immersion 1 serves as a transition from elementary immersion program to the sequential world languages high school program. Students expand their knowledge of the language to include communicating about themselves and their immediate environment. This communication is evidenced in all four language skills: listening, speaking, reading, and writing, with an emphasis on the ability to communicate orally and in writing. The content of this course is aligned with the Level 1 POS themes of About Me, My Family, My School, Food, and Clothing. Credit becomes a part of the high school transcript, is included in the determination of the high school grade point average (GPA), and counts towards fulfilling the world languages requirements of the high school Advanced Studies diploma. It also counts towards the number of credits required for high school graduation.

*Credit: 1*

**Japanese Immersion 2**

(592068)

Grade: 8

Credit: one

Prerequisite: Seventh Grade Immersion 1 or demonstrated proficiency

Japanese Immersion 2 is designed to meet the needs of the immersion students in regard to their second language development. Students continue their development of language proficiency in all four skills: listening, speaking, reading, and writing. They read material on familiar topics and produce short writing samples while studying the themes and topics of My Activities, My Home Life, Around Town/Travel, Health & Fitness, and Stories. The content of this course is aligned with the Level 2 POS. Credit becomes part of the high school transcript, is included in the determination of the high school grade point average (GPA), and counts towards fulfilling the world languages requirements of the Advanced Studies diploma. This course counts toward the number of credits required for graduation.

*Credit: 1*

**WORLD LANGUAGES**

**SPANISH**

**Spanish 1**

(551000)

*Spanish 1 Credit: 1*

Grade: 8, 9, 10, 11, 12

Credit: one

Spanish 1 students develop the ability to communicate about themselves and their immediate environment using simple sentences containing basic language structures. This communication is evidenced in all four language skills - listening, speaking, reading, and writing - with emphasis on the ability to communicate orally and in writing. Students begin to explore and study the POS themes of About Me, My Family, My School, Food, and Clothing. For middle school students this credit becomes a part of the high school transcript and is included in the determination of the high school grade point average (GPA) and counts toward fulfilling the world languages requirement of the high school Advanced Studies diploma. It also counts toward the total number of credits required for graduation.

*Also available to 7th graders at Rachel Carson Middle School*

**Spanish 2**

(552000)

Grade: 8, 9, 10, 11, 12

Credit: one

Prerequisite: Spanish 1 or demonstrated proficiency

Spanish 2 students continue to develop proficiency in all four language skills - listening, speaking, reading, and writing - with emphasis on the ability to communicate orally and in writing. They learn to function in real-life situations using more complex sentences and language structures. They read material on familiar topics and produce short writing samples. Students continue to explore as they study the POS themes of My Activities, My Home Life, Around Town/Travel, Health