PERSONAL
PROGRAM OF STUDY

Check off credits as you fill in your plan.

CORE CREDITS

Language Arts
(4 credits = 8 Trimesters)

Language Arts 9	☑	☑
Language Arts 10	☑	☑
Language Arts 11	☑	☑
Language Arts 12	☑	☑

Math
(3 credits = 6 Trimesters)

Algebra 1	☑	☑
Geometry	☑	☑
3rd Qualifying Course	☑	☑

Social Studies
(3 credits = 6 Trimesters)

World History	☑	☑
US History	☑	☑
Civics/World Issues	☑	☑

Science
(3 credits = 6 Trimesters)

NGSS Biology	☑	☑
NGSS Chemistry	☑	☑
3rd Qualifying Course	☑	☑

Career & Technical Ed.
(1 credit = 2 Tri's) ☑ ☑

Fine Arts
(1 credit = 2 Tri's) ☑ ☑

Health
(.5 credit = 1 Trimester) ☑

Physical Education
(1.5 credits = 3 Tri's) ☑ ☑ ☑

FLEXIBLE CREDITS

Personal Pathway
(3 credit = 6 Trimesters)
☑ ☑ ☑ ☑ ☑ ☑

Electives
(6 credits = 12 Trimesters)
☑ ☑ ☑ ☑ ☑ ☑
☑ ☑ ☑ ☑ ☑ ☑

BUSINESS & MARKETING PATHWAY

SAMPLE FOCUS: Computer Science

☑ **Dual College Credit** opportunities
☑ **Industry Certification** opportunities

*Employment of computer and information technology occupations is projected to grow 12 percent from 2018 to 2028, much faster than the average for all occupations. These occupations are projected to add about 546,200 new jobs. Demand for these workers will stem from greater emphasis on cloud computing, the collection and storage of big data, and information security.

*US Bureau of Labor Statistics

Sample Course Plan
17 Core Credits + 9 Flexible Credits = 26 Total Credits required for graduation

9th Grade - Must include at least 2 LA, 2 Math, 2 Science, 1 Health, recommend 1 Computer course*

Trimester 1	Trimester 2	Trimester 3
Language Arts 9	Language Arts 9	NGSS Biology
NGSS Biology	Algebra	Algebra
Health	IT Academy - Word	Photography
Algebra	PE	IT Academy - PowerPoint
Computer Programming	Computer Programming	Student Technology Support

10th Grade - Must include at least 2 LA, 2 Math, 2 Science, 2 SS
(4-year colleges require 2 credits same World Language)

Trimester 1	Trimester 2	Trimester 3
Language Arts 10	Language Arts 10	NGSS Chemistry
NGSS Chemistry	Geometry	Geometry
World History	World History	PE
Networking Technology	Networking Technology	Cyber Security
German	German	German

11th Grade - Must include at least 2 LA, 2 Math, 2 Science, 2 SS

Trimester 1	Trimester 2	Trimester 3
German	Language Arts 11	Language Arts 11
US History	US History	Student Technology Support
AP Environmental Science	AP Environmental Science	AP Environmental Science
Algebra 2	PE	Algebra 2
AP Computer Science Principles	AP Computer Science Principles	AP Computer Science Principles - Javascript

12th Grade - Must include at least 2 LA, 2 SS (4-year colleges recommend a 4th year of math)

Trimester 1	Trimester 2	Trimester 3
Humanities	Humanities	Civics/World Issues
Civics/World Issues	Math Analysis	Math Analysis
Student Technology Support	Game Design	Humanities
AP Studio Art	AP Studio Art	Student Technology Support
AP Computer Science	AP Computer Science	AP Computer Science - Java

*Choose from any IT Academy course, Computer Programming, or AP Computer Science

After High School Options

Employment – Most Computer Science careers require additional training after high school. However, part-time work in a computer-related business (while pursuing further training) can help familiarize you with the general industry.

College/University – Both 2 and 4-year degrees are commonly required in the area of Computer Science. If your area of interest requires a 4- year degree or more, be sure to take college entrance requirements into account (such as 2 World Language credits and 4 years of math). Get a head start on earning college credits by taking dual credit courses such as AP/IB courses, Web Design and Cyber Security.

Military – Knowledge and skills learned in Computer Science related courses can be applied directly to careers in the armed forces. See todaysmilitary.com for more information.

For help in planning your Personal Program of Study see the Business & Marketing Pathway page on the Renton School District website.

PERSONAL
PROGRAM OF STUDY

Check off credits as you fill in your plan.

CORE CREDITS

Language Arts
(4 credits = 8 Trimesters)

Language Arts 9 ☐ ☐

Language Arts 10 ☐ ☐

Language Arts 11 ☐ ☐

Language Arts 12 ☐ ☐

Math
(3 credits = 6 Trimesters)

Algebra 1 ☐ ☐

Geometry ☐ ☐

3rd Qualifying Course ☐ ☐

Social Studies
(3 credits = 6 Trimesters)

World History ☐ ☐

US History ☐ ☐

Civics/World Issues ☐ ☐

Science
(3 credits = 6 Trimesters)

NGSS Biology ☐ ☐

NGSS Chemistry ☐ ☐

NGSS Physics ☐ ☐

Career & Technical Ed.

(1 credit = 2 Tri's) ☐ ☐

Fine Arts

(1 credit = 2 Tri's) ☐ ☐

Health

(.5 credit = 1 Trimester) ☐

Physical Education

(1.5 credits = 3 Tri's) ☐ ☐ ☐

PERSONAL PATHWAY
(3 credit = 6 Trimesters)

☐ ☐ ☐ ☐ ☐ ☐

ELECTIVES
(6 credits = 12 Trimesters)

☐ ☐ ☐ ☐ ☐ ☐
☐ ☐ ☐ ☐ ☐ ☐

BUSINESS & MARKETING PATHWAY

Many different job areas fall under the STEM Pathway. Choose your area of interest and use this page to plan the courses that will best ensure your success.

For help in planning your Personal Program of Study see the Business & Marketing Pathway page on the Renton School District website.

Your Course Plan
17 Core Credits + 9 Flexible Credits = 26 Total Credits required for graduation

9th Grade - Must include at least 2 LA, 2 Math, 2 Science, 1 Health, recommend 1 Computer course*

Trimester 1	Trimester 2	Trimester 3

10th Grade - Must include at least 2 LA, 2 Math, 2 Science, 2 SS
(4-year colleges require 2 credits same World Language)

Trimester 1	Trimester 2	Trimester 3

11th Grade - Must include at least 2 LA, 2 Math, 2 Science, 2 SS

Trimester 1	Trimester 2	Trimester 3

12th Grade - Must include at least 2 LA, 2 SS (4-year colleges recommend a 4th year of math)

Trimester 1	Trimester 2	Trimester 3

After High School Options

Employment _____
_____

Apprenticeship _____
_____

College/University _____
_____

Military _____
_____