

## GRADUATION PATHWAY OPTIONS – Recommendations for Seniors in 2023-24

All students must choose one of the following pathways to graduation. Students who meet the requirements for 2 pathways will be classified as dual completers at graduation. Some may be able to complete 3.

- 1) 2 credits of **World Language** plus 4 electives (strongly recommended for students who plan to attend college after high school)
  - a. RECOMMENDATION FOR 12th GRADE – take World Language, fine arts or technology credits as needed.
- 2) Career and Technology Education Completer program plus electives to total 6 credits. Additional information can be found on pg. 19-21 at <https://www.ccboe.com/departments/student-services/student-support/high-school-program-of-studies>.
  - a. **Business Management and Finance** – began in 9<sup>th</sup>, 10<sup>th</sup>, or 11<sup>th</sup> grade
    - i. REQUIREMENT FOR 12th GRADE – take Accounting and Finance and/or Adv Business Management (if haven't already) and fine arts or technology credits as needed. This 2-3 year program is intended for students who are seriously considering a career in business administration and management (accounting, financial analyst, management analyst, investment banking, etc.)
  - b. **Career Research and Development** – began in 11th grade or see Ms. Pherson
    - i. REQUIREMENT FOR 12th GRADE – take Career Dev., Prep., & Transition (1 credit), CRD Work Based Learning (2 credits), and fine arts or technology credits as needed. This 2-year program teaches the student about academic, technical and job skills necessary for further education and employment.
  - c. **Computer Science** – began in 9th or 10th grade
    - i. REQUIREMENT FOR 12th GRADE – take AP Computer Science Principles and/or AP Computer Science A (if haven't already) and fine arts or technology credits as needed. This 3-year program is intended for students who are seriously considering a career in computer science (software engineer, app developer, web developer, data analyst)
  - d. **Maryland Fire and Rescue Institute (MFRI)** – will NOT be a completer for graduation, student will have to continue with local Fire Station post-graduation to complete
    - i. An application is required in the year prior to enrolling in the program (See Miss Pherson for application).
  - e. **Naval Junior ROTC (NJROTC)** – began in 9th or 10th grade
    - i. REQUIREMENT FOR 12th GRADE – take the next NJROTC course and fine arts or technology credits as needed. This 3-year program instills the values of citizenship and service to the community; develops a high degree of personal honor, self-reliance, individual discipline and leadership; promotes an understanding of the basic elements and requirements for national security; promotes habits of orderliness and precision; and develops respect for constituted authority. There are weekly dress code and personal appearance standards for this program. Students who

complete the program and enlist in the military may enter the service at a higher pay grade.

- f. **PLTW Biomedical Sciences** – began in 9th or 10th grade
  - i. REQUIREMENT FOR 12th GRADE – take Biomedical Innovations (and Medical Interventions if needed) and fine arts or technology credits as needed. This 4-year program is intended for students who are seriously considering a career in the health field (medicine, research, etc.).
- g. **PLTW Pathway to Engineering** – began in 9th or 10th grade
  - i. REQUIREMENT FOR 12th GRADE – take Engineering Design & Development, Civil Engineering, and Digital Electronics (if haven't already) and fine arts as needed. This 4-year program is intended for students who are seriously considering a career in science, technology or engineering.
- h. **ProStart-Food and Beverage Management**- began in 11th grade
  - i. REQUIREMENT FOR 12th GRADE – take Becoming A Food Service Professional II and Practical Experience as a Food Service Professional and fine arts or technology credits as needed. The 2-year program introduces students to a wide variety of careers within the restaurant, food service, and hospitality industry.
- i. **Teacher Academy of Maryland** – begin in 10th or 11<sup>th</sup> grade
  - i. REQUIREMENT FOR 12th GRADE – take Foundations of Curriculum and Instruction and Education Academy Internship and fine arts or technology credits as needed. This 4-year program is intended for students who are seriously considering a career in the education field (K-12 education, pre-school, etc.).

### **Stethem Application Programs:**

Must already be enrolled in year 1 during 2022-2023 school year.

- a. Academy of Health Professions: Pharmacy Technician
- b. Academy of Health Professions: Physical Rehabilitation
- c. Automotive Technology
- d. Heating Ventilation and Air Conditioning (HVAC)
- e. Interactive Media Production
- f. Barbering