

## **GRADUATION PATHWAY OPTIONS – Recommendations for Freshmen in 2023-24**

All students must choose one of the following pathways to graduation. Although students are strongly encouraged to make this decision before starting high school, it is possible that some students will switch to other pathways during the high school years. Students who meet the requirements for 2 pathways will be classified as dual completers at graduation. Some may be able to complete all 3.

**2 credits of the SAME World Language plus 4 electives (strongly recommended for students who plan to attend college after high school): Spanish, Latin or French**

RECOMMENDATION FOR 9<sup>th</sup> GRADE – take a World Language course and elective(s)

### **Career and Technology Education (CTE) Completer programs at LPHS**

**Business Management & Finance**– must begin in 9<sup>th</sup> or 10<sup>th</sup>

RECOMMENDATION FOR 9<sup>th</sup> GRADE – take Principles of Business Management and Entrepreneurship and elective(s)

**Career Research and Development** – must begin in 11<sup>th</sup> grade

RECOMMENDATION FOR 9<sup>th</sup> GRADE – take Foundations of Technology and elective(s)

**Computer Science**– must begin in 9<sup>th</sup> or 10<sup>th</sup>

RECOMMENDATION FOR 9<sup>th</sup> GRADE –Intro to Computer Programming and elective(s)

**Maryland Fire & Rescue Institute (MFRI)**- must begin in 11<sup>th</sup> grade. Must be 16 years old prior to the first day of school. Must be associated with a fire station. Application required.

**Naval Junior ROTC (NJROTC)** – must begin in 9<sup>th</sup> or 10<sup>th</sup>

RECOMMENDATION FOR 9<sup>th</sup> GRADE – take Foundations of Technology and elective(s)

**PLTW Biomedical Sciences** – MUST APPLY – must begin in 9<sup>th</sup> or 10<sup>th</sup> grade, Prerequisite: Algebra 1

RECOMMENDATION FOR 9<sup>th</sup> GRADE – take Principles of Biomedical Science and 1 elective; freshmen in this program must take Biology Honors instead of Earth Science

**PLTW Pathway to Engineering** – must begin in 9<sup>th</sup> or 10<sup>th</sup> grade, Prerequisite: Algebra 1

RECOMMENDATION FOR 9<sup>th</sup> GRADE – take Introduction to Engineering Design and elective(s)

**ProStart-Food and Beverage Management**- begin in 9th grade

RECOMMENDATION FOR 9<sup>th</sup> GRADE – take Food & Nutrition Science and elective(s)

**Teacher Academy of Maryland** – must begin in 10<sup>th</sup> grade

RECOMMENDATION FOR 9<sup>th</sup> GRADE – take Foundations of Technology and elective(s)

### **STETHEM CENTER CTE PROGRAMS**- Application required.

**Academy of Health Professions: Pharmacy Technician** – must begin in 11<sup>th</sup> grade

**Academy of Health Professions: Physical Rehabilitation** – must begin in 11<sup>th</sup> grade

**Automotive Technician** – must begin in 11<sup>th</sup> grade

**Heating Ventilation and Air Conditioning (HVAC)** – must begin in 11<sup>th</sup> grade

**Interactive Media Production** – must begin in 11<sup>th</sup> grade