

## BCPS Magnet Programs High School Programs

### Environmental Technology\*‡

This program emphasizes hands-on experiences and fieldwork where students act as environmental professionals, completing projects and solving problems in environmental design, planning, monitoring, and conservation. Environmental Technology is a career field that applies the principals of math, science, technology, engineering, communications, economics, and law to ensure sustainability, as well as human health and safety. A sequence of courses covers: natural resources, water, land and air systems, environmental sampling and analysis, pollution prevention and control, waste management, and Geographic Information Systems (GIS). Student projects include construction and maintenance of an aquaculture system, wetland creation and management, habitat assessment, landscaping, native plant horticulture, soil and water quality monitoring, and mapping environmental data. Students acquire a variety of computer skills used by environmental engineers, planners, and resource managers, including GIS. Environmental Technology offers both career oriented and articulated course work for two and four year colleges in environmental sciences and technology.

\* *Articulated college credit may be earned from the Community College of Baltimore County.*

‡ *Students may earn a minimum of four MSDE Career & Technical Education (CTE) credits for graduation.*



*-available at Western School of Technology and Environmental Science (WSTES)*

#### **Western School of Technology and Environmental Science**

*100 Kenwood Avenue*

*Baltimore MD 21228*

*443-809-0840*

Applications are accepted for Grade 9

Transportation is provided for students who are zoned for the Southwest or Northwest areas, as well as those who would otherwise attend Dulaney or Towson High School.