



Career Compass Course For Middle School

General Curriculum Committee
Presentation

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Career and Technology Education and
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BACKGROUND

 The Blueprint for Maryland's Future articulates, “Students will benefit from early career guidance and greater opportunities to develop skills and earn certificates that qualify them for well-paying jobs upon certification.”



BACKGROUND

The Blueprint further asserts local oversight program committees will collaborate with local business and industry representatives to identify workforce opportunities, creating clear pathways to jobs and stronger local economies. Within Career and Technical Education there are 12 career cluster areas of focus: Arts, Media, and Communications, Business Management and Finance, Consumer Services Hospitality and Tourism, Environmental, Agriculture and Natural Resources, Health and Biosciences, Information Technology, Manufacturing, Engineering and Technology, Transportation Technologies, Construction and Development, Career Research and Development and Apprenticeship Maryland. Each of these MSDE-recognized career clusters are currently offered in Harford County public high schools.



Background



Arts, Media, and Communications



Business Management and Finance



Construction and Development



Consumer Services, Hospitality and Tourism



Environmental, Agriculture and Natural Resources



Health and Biosciences



Human Resource Services



Information Technology



Manufacturing, Engineering and Technology



Transportation Technologies



Career Research and Development



Apprenticeship Maryland

All Informational Reports are pre-decisional written material



BACKGROUND

🌱 In analyzing current middle school offerings, it became evident not all career clusters are being treated in the curriculum. Unrepresented areas include:

- Agriculture
- Construction
- Automotive
- Business
- Interactive Media
- Culinary Arts
- Early Childhood Education
- Fire Rescue
- Homeland Security
- Medicine
- Apprenticeships



Background

- Career focused curriculum and courses are available for students in other states and developed in another Maryland Public School System.



BACKGROUND

☺ Currently, sixth-grade students participate in at least three Naviance lessons per year, developed and implemented by School Counselors. During these lessons, students develop an academic SMART Goal (Specific, Measurable, Achievable, Relevant, and Time-Bound), begin exploring careers, and develop organization and time management skills. They expand on these lessons in Grade 7, with at least three additional lessons.



BACKGROUND

🌱 The CTE Office, in collaboration with the Director of Middle School Innovation and Secondary Education Services, School Counseling Student Services, and Career Coaching Student Services, has developed a course scope and sequence for a quarter-long 7th grade career exploration course in Unified Arts to support The Blueprint for Maryland's Future legislation and HCPS Middle School Innovation initiative.



BACKGROUND

- In this course, students will encounter each of the MSDE career clusters, explore careers related to each cluster, identify opportunities in high school to develop industry-specific knowledge and skills through HCPS Magnet and Signature Programs, CTE High School Programs of Study, Advanced Placement courses, dual enrollment, and apprenticeships.



BACKGROUND

- Students will develop a working knowledge of how to conduct personal assessments, set SMART goals, locate, evaluate, and utilize career research tools, develop career plans, and monitor their progress towards academic- and career-related SMART goals.



Cost/Technology

- Cost-Supported by Leads Grant and covers multiple years



Health Science

The Health Sciences field includes a vast range of disciplines, such as allied health, nursing, and public health. Individuals pursuing a career in Health Sciences will have the opportunity to contribute to the well-being of individuals, communities, and even global populations. As medical research and technology continue to advance, pursuing a career in Health Sciences offers ongoing opportunities for growth, innovation, and the chance to be at the forefront of medical breakthroughs.



Architecture & Construction

Careers in the Architecture & Construction cluster are focused on the design and building of both commercial and residential structures. Careers include Construction Laborer, Electrician, Carpenter, Heating, Ventilations and Air Conditioning (HVAC) among others.



Information Technology

These simulations explore careers focused on building linkages in information technology occupations for entry level, technical and professional careers related to the Design, Development, Support and Management of Hardware, Software, Multimedia and Systems Integration Services.



Law, Public Safety, Corrections & Security

Careers in the Law, Public Safety, Corrections & Security cluster are focused on maintaining law and order within our communities and providing services such as Firefighting and first responders. Careers include Police Officer, Firefighter, Emergency Medical Technician, Corrections Officers among others.



Manufacturing

Careers in the Manufacturing cluster are focused on the production of goods such as vehicles, appliances, steel, foodstuffs and other household goods. Careers include Assembly Worker, Engineer, Engineering Technician, Industrial Maintenance Technician, Production and Quality Assurance among others.



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Professional Development

- ☺ March 25-The Office of Career and Technical Education will provide initial training to Middle School Teachers
- ☺ Ongoing professional development for teachers will be available (April through August 2024)
- ☺ Throughout the 2024-2025 school year



Evaluation

- 🌱 Ongoing evaluation of curriculum through CTE Office
- 🌱 Teacher Feedback
- 🌱 Monitor and collect data on student performance
- 🌱 Implementation evaluation through observation and walkthroughs.



Timeline

When?	What?	Who?
January 30, 2024	Present committee decision to GCC for approval to send to BOE	GCC Committee CTE Office
March 18, 2024	Present CTE curriculum to BOE for approval	Board of Education, Directors of CIA CTE Office
March 25, 2024	Initial Professional Development	CTE Office Middle School Unified Arts Teachers under CTE
April-June	Continued Professional Development	CTE Office Middle School Unified Arts Teachers under CTE
2024-2025 School Year	Implementation of 8th grade Computer Science Curriculum	Teachers in classrooms all schools

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Requested Action

 The Superintendent of Schools recommends that the Board of Education approve the Career Exploration Curriculum as a 7th grade offering in middle schools for the 2024-2025 school year.