Webster Groves School District Est. 1868



PATHWAYS TO SELF-DISCOVERY

Guidebook

DEVELOPED 2024

Inspiring students' lives and communities through learning

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Webster Groves School District Est. 1868

Our Purpose

Inspiring students' lives and communities through learning.

Our Principles

We **ensure** academic excellence and continuous growth.
We **promote** a safe, inclusive, and equitable environment.
We **nurture** trusting and supportive relationships.
We **hear** and **value** diverse voices and multiple perspectives.
We **prioritize** personal well-being and the well-being of others.
We **empower** lifelong learners to embrace challenges and explore creative solutions.

Our Profile of a Graduate

WGSD students will develop the following knowledge, skills, and traits to flourish as global citizens.

Self-Aware

- Believe in their capacity to learn and grow.
- Understand and appreciate their uniqueness.
- Prioritize care for their physical, social, and
- emotional well-being.
- Identify and access the necessary support for their needs.
- Demonstrate independence, confidence, and resilience.
- Exemplify personal accountability and effective work habits.

An Effective Communicator

- Listen to understand others with an open mind.
- Interact with all people in an inclusive and respectful manner.
- Articulate well thought-out and clear ideas.

Engaged and Empathetic

- Seek to understand the varied experiences and realities of others.
- Advocate for themselves and others using a lens of equity and inclusion.
- Demonstrate integrity and ethical behavior.
- Stand up for what they believe.
- Show care and compassion for others.

A Creative and Critical Thinker

- Identify and critique sources for credibility when exploring questions and issues.
- Demonstrate curiosity and adaptability when seeking unique solutions to problems.
- Utilize new and existing resources to efficiently solve problems, complete tasks, and accomplish goals.
- Demonstrate a growth mindset and embrace failure as an opportunity to grow.

Knowledgeable

- Demonstrate mastery of core content knowledge.
- Apply knowledge to novel situations.
- Make thoughtful and informed decisions.

A Collaborator

- Invest in shared goals, work, and responsibilities.
- Value, respect, and leverage the diverse thoughts, strengths, and talents of others to achieve common goals.
- Advocate for their ideas and demonstrate willingness to seek and respond to constructive feedback.

INTRODUCTION

Welcome to the Pathways to Self-Discovery guidebook, a comprehensive resource designed to support students and families within the Webster Groves School District. This guidebook is your companion in navigating the journey of college and career readiness by acquiring essential foundational skills, uncovering individual interests, passions, and talents, and ultimately laying the groundwork for successful post-high school pursuits—be it college and/or a career.

In the Webster Groves School District, we believe that education is about academic excellence; it's also about discovering who you are and what you can achieve. Our goal is to ensure every student graduates not only with a diploma but also with a clear sense of direction and a head start on their future endeavors. This commitment is embodied in our innovative WG+ initiative (further outlined in the guidebook).

The Pathways to Self-Discovery guidebook is crafted to help you and your family navigate these opportunities and make informed decisions about your future. Whether you aim to pursue higher education, enter the workforce, or explore entrepreneurial ventures, this guidebook provides the tools and resources needed to chart your course.

Our pathways are not designed to lock students in but rather to invite exploration. We understand that some students will leave high school knowing their next step clearly, while others might still be discovering their direction. Regardless of where you fall on this spectrum, our goal is to provide as many options as possible to help you successfully pursue all that the next step of your journey has to offer. We encourage students to explore diverse interests, adapt their plans as they grow, and take advantage of the myriad opportunities available through the Webster Groves School District.

By embracing the Pathways to Self-Discovery and leveraging the WG+ initiative, students in the Webster Groves School District are empowered to turn their passions into purpose, their talents into strengths, and their dreams into reality. Together, let's embark on this journey of self-discovery and prepare for a future filled with possibilities.

Thank you for being a part of the Webster Groves School District community. We are excited to support you every step of the way as you discover your unique pathway to success.

WG+ Initiative - Diploma and Beyond

WG+ is an initiative that goes beyond the traditional high school curriculum and the resulting diploma. It's designed to provide students with enhanced learning experiences and opportunities that prepare them for the next chapter of their lives. Through the WG+ initiative, students can engage in a variety of enriching opportunities, including:

- **Internships**: Gain real-world experience in your field of interest, developing practical skills, professional networks, and a clearer understanding of potential career paths.
- **Advanced Placement (AP) Courses**: Challenge yourself with college-level coursework, earning college credits and demonstrating your academic rigor to prospective colleges.
- **Dual Credit and Dual Enrollment Options**: Earn college credits while still in high school, providing a valuable academic advantage and a seamless transition to higher education.
- **Passion Pursuits**: Explore and cultivate your unique interests and talents through specialized projects, activities, and mentorship.
- **Travel Experiences**: Broaden your horizons and gain global perspectives through educational travel opportunities, fostering cultural awareness and personal growth.
- **Industry-Recognized Credentials**: Obtain certifications that are highly regarded by employers, enhancing your employability and giving you a competitive edge in the job market.
- **Seal of Biliteracy**: Achieve proficiency in two or more languages, enriching your cultural competence and expanding your career prospects in a globalized world.

Our goal is that **all** of our students successfully graduate with a diploma and also access at least one opportunity through the WG+ initiative during their time at Webster Groves High School.



What is a Pathway?

A pathway is a sequence of coursework and experiential opportunities that enable individuals to develop skills that further their passion and/or prepare them for a potential area of future interest. The pathway provides a roadmap for future learning that can help an individual achieve their desired college and/or career aspirations.

Our current Pathways



CREATIVE PATH | HEALTH PATH | BUILDING & FIXING PATH



ACADEMIC & TECHNICAL SKILLS – TEAMWORK – CAREER DEVELOPMENT – INFORMATION TECHNOLOGY – PROBLEM SOLVING – CRITICAL THINKING – EMPLOYABILITY – ETHICS – SAFETY – LEGAL RESPONSIBILITIES



BUSINESS PATH | NATURE PATH | HELPING PATH

Pathway #1: Natural Resources and Agriculture

The Natural Resources and Agricultural pathway involves potential careers focused on the management and conservation of natural resources, as well as the production and distribution of agricultural products. This pathway includes roles in farming, forestry, wildlife management, environmental science, and agribusiness. It combines hands-on work with advanced technologies and sustainable practices to ensure the responsible use and preservation of natural resources while meeting the food and resource needs of society.

Current courses offered

	Agriculture	Food and Natural Resources
Webster Groves High School Coursework	Animal Behavior Introduction to Oceanography	Introduction to Electronic Technology Advanced Electronic Technology Introduction to Robotic Engineering Advanced Robotic Engineering Power Technology Environmental Sustainability
Hixson Middle School Coursework	Sustainability	Sustainability Introduction to Robotics



Pathway #2: Business, Management, & Technology

The Business, Management, and Technology pathway encompasses potential careers that involve utilizing and optimizing organizational operations through strategic planning, leadership, and technological integration. It includes roles in business administration, finance, marketing, human resources, project management, and information technology. This pathway focuses on developing skills in decision-making, innovation, and leveraging technology to enhance efficiency, profitability, and organizational success in diverse industries and sectors.

Current courses offered

	Finance	Marketing	Business Management and Administration	Information Technology
Webster Groves High School Coursework	Personal Finance	Marketing 1 with Personal Finance Marketing 2 ACC Graphic Design Graphic Design 2 Web Design Advanced Web Design WG Thrive Incubator	Business Internship Business Law Web Design Advanced Web Design WG Thrive Incubator	A+/PC Pro Certification Course Android Application Development and Programming AP Computer Programming with Java Computer Programming with Python Computer Programming with Python 2 Cybersecurity Game Design and C# Programming Game Design 2 and C# Programming Introduction to Computer Maintenance Web Design Advanced Web Design
Hixson Middle School Coursework		Thrive Jr. Digital Multimedia Arts	Thrive Jr.	Intro. To Computer Science - STEAM Wheel Computer Science I Computer Science 2



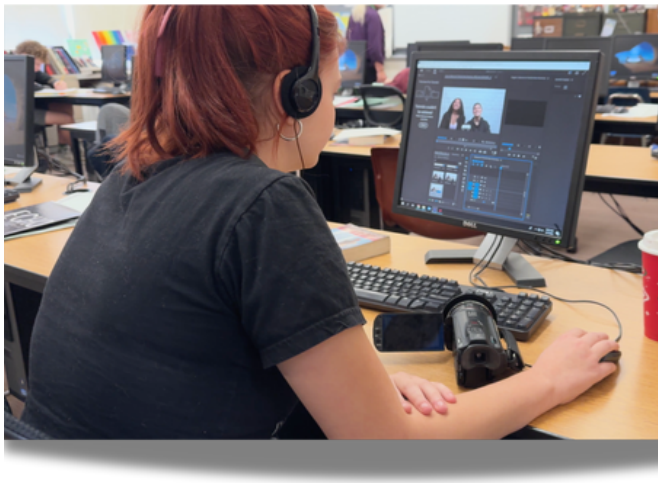
Pathway #3: Arts & Communication

The Arts and Communication pathway encompasses potential careers centered around creative expression, media, and interpersonal communication. It includes roles in visual and performing arts, graphic design, journalism, broadcasting, public relations, and digital media. This pathway emphasizes cultivating artistic skills, storytelling abilities, and effective communication techniques to engage and connect with audiences through various forms of media and expression. It offers opportunities to influence culture, convey messages, and contribute creatively to diverse industries and communities.

Current courses offered

	Arts	A/V Technology and Communications
Webster Groves High School Coursework	Art Fundamentals Digital Art AP Studio Art: 2-D Design Ceramics 1 Advanced Ceramics Drawing and Painting I Advanced Drawing and Painting Mixed Choir Concert Choir Chamber Choir Statesmen Bands Band Wind Symphony Symphonic Band Jazz Bands Concert Orchestra Symphonic Orchestra Silver Strings Statesmen String Ensemble Class Piano I Class Piano II Class Guitar I Class Guitar II Music Theory I AP Music Theory Music Engineering Acting for Beginners Improvisational Acting Advanced Acting and Production Advanced Acting and Production Technical Theater	Digital Art Photography I Advanced Photography Graphic Design Graphic Design 2 Freshman Literature and Composition Gifted and Talented 9 World Literature and Composition Honors World Literature and Composition Gifted and Talented 10 20th Century American Literature and Composition Honors US Studies ACC/AP English Language and Composition AP English Language and Composition ACC AP English Language and Composition African American Literature and Culture Contemporary Literature and Composition AP English Literature and Composition ACC ACC Emerging Voices: Literature of Criticism and Resistance Gifted 12: AP English Literature and Composition ACC College and Career Reading 1 College and Career Reading 2 Creative Writing Creative Writing II Film Appreciation Journalism Publications: The ECHO Paper Public Speaking Debate Fundamentals of English I Fundamentals of English II Fundamentals of English III Fundamentals of English IV Fundamentals of Reading Functional English Language Arts Publications: The ECHO Yearbook
Hixson Middle School Coursework	Drama Discovery - Humanities Wheel Music Discovery - Humanities Wheel Visual Arts - STEAM Wheel Art 1 Art 2 Art 3 Drama 1 Drama 2 Beginning Band Band 7 Choir 7 Band 8 Choir 8 Orchestra Digital Multimedia Arts	Digital Multimedia Arts ELA 6 ELA 7 ELA 7





Pathway #4: Health Services

The Health Services pathway involves potential careers dedicated to promoting, maintaining, and restoring health and well-being. It includes roles in medicine, nursing, allied health professions (such as physical therapy and dental hygiene), public health, healthcare administration, and medical research. This pathway focuses on providing patient care, implementing health education and prevention programs, conducting medical research, and managing healthcare facilities. It offers opportunities to make a meaningful impact on individuals' health outcomes and contribute to improving healthcare delivery systems.

Current courses offered

	Health Science
Webster Groves High School Coursework	Physical Education 9-12 Weight Training 9-12 Kinetic Wellness Introduction to Dance and Fitness Lifetime Fitness Advanced Weight Training Health Education Holistic Health and Wellness Introduction to Athletic Training Advanced Athletic Training Athletic Training Internship
Hixson Middle School Coursework	PE/Health 6 PE/Health 7 PE/Health 8 Competitive PE/Health 8 Lifetime Fitness/Health 8



Pathway #5: Industrial and Engineering Technology

The Industrial and Engineering Technology pathway encompasses careers that apply scientific principles and technical skills to design, develop, and improve products, systems, and processes. It includes roles in engineering (such as mechanical, electrical, and civil), manufacturing, automation, logistics, quality control, and maintenance. This pathway focuses on innovation, problem-solving, and utilizing advanced technologies to enhance efficiency, productivity, and sustainability across various industries. It offers opportunities to contribute to the development of new technologies, improve operational processes, and drive technological advancements in engineering and industrial sectors.

Current courses offered

	Science, Technology, Engineering, and Math	Architecture and Construction	Manufacturing	Transportation, Distribution, and Logistics
Webster Groves High School Coursework	Introduction to Robotic Engineering Advanced Robotic Engineering Introduction to Engineering Design PLTW-Civil Engineering and Architecture Algebra I Geometry Honors Geometry Algebra 2 Algebra 2-Trigonometry Honors Algebra 2-Trigonometry Algebra III Pre-Calculus Honors Pre-Calculus ACC College Algebra Introduction to Calculus and Discrete Math AP/ACC Calculus Statistics and Probability AP Statistics Math Department Student Intern Concepts of Algebra A Concepts of Algebra B Fundamentals of Math Functional Math Biology/Biology A AP Biology Genetics Human Anatomy and Physiology Conceptual Chemistry Chemistry A AP Chemistry Conceptual Physics Physics A AP Physics I AP Physics II AP Physics C: Mechanics Astronomy Forensic Science ACC Advanced Forensic Science Advanced Forensic Science Research Science Independent Research Functional Science	Home Maintenance Woods and Construction Advanced Woods and Construction	Algebra in Manufacturing Process, Entrepreneurship, and Design (AMPED) Makerspace I Makerspace II Makerspace Lab Assistant	Modern Automotive Maintenance Power Technology Automotive Technology/Advanced Automotive Technology Auto Lab

	Science, Technology, Engineering, and Math	Architecture and Construction	Manufacturing	Transportation, Distribution, and Logistics
Hixson Middle School Coursework	Elements of Engineering - STEAM Wheel Gateway to Engineering Introduction to Robotics Math 6 Math 7 Math 8 Algebra Geometry	Shop 1 Shop 2	Makerspace - STEAM Wheel	Shop 1 Shop 2



Pathway #6: Human Services

The Human Services pathway involves potential careers focused on assisting individuals and communities to address social, emotional, and practical needs, including roles in social work, counseling, psychology, family services, community outreach, nonprofit management, and teaching. This pathway emphasizes empathy, advocacy, and providing support to vulnerable populations such as children, families, the elderly, and individuals facing challenges like homelessness or addiction. It offers opportunities to make a positive impact by helping people navigate crises, access resources, improve their quality of life, and empower them through education and guidance.

Current courses offered

	Human Services	Hospitality and Tourism	Government and Public Administration	Law, Public Safety, Corrections, and Security	Education and Training
Webster Groves High School Coursework	Child Development I Child Development II Child Development III Child Development Internship Fashion Design I Fashion Design II Psychology AP Psychology Sociology Peer Tutoring	Baking and Pastry Arts Advanced Baking and Pastry Arts Housing and Interior Design Foods and Nutrition I Foods and Nutrition II Baking and Pastry Arts Advanced Baking and Pastry Arts Regional and International Foods French I - V AP French German I - V AP German Latin I - IV Spanish I - V Spanish AP English as a Second Language	AP US Government and Politics	Introduction to Law	Teaching and Learning Cohort
Hixson Middle School Coursework	FACS - Humanities Wheel FACS I FACS 2	FACS - Humanities Wheel World Languages - Humanities Wheel French I French 2 German I German 2 Spanish I Spanish 2 FACS I			



Foundational Knowledge, Skills, and Individualized Experiences

Foundational knowledge and skills essential across all career pathways include the necessary content knowledge, plus essential skills such as effective communication, critical thinking, technology literacy, ethical awareness, teamwork, adaptability, cultural competence, and problem-solving.

Current courses offered

	Foundation Knowledge and Skills	Individualized Experiences
Webster Groves High School Coursework	World Civilizations and Global Issues II U.S. History 1865-Modern Honors U.S. History AP/ACC U.S. History 1865-Modern Honors U.S. History AP/ACC Honors US Studies AP/ACC The African American Experience American Military History (Modern-WWII) AP World History: Modern American Military History (WWI-American Revolution) Women, Gender, and Diversity ACC Functional Social Studies Learning Strategies ASPIRE ASPIRE Learning Strategies Functional Social Skills Vocational Skills Vocational Skills II Community Based Vocational Instruction I Community Based Vocational Instruction II Academic Lab Study Hall Independent Period Gifted Academic Lab Gifted Seminar Lab Test Preparation	Chelsea Center Internship Experience Chelsea Center Service Learning Experience Chelsea Center Passion Pursuit Experience Chelsea Center Travel Experience Experiential Learning Real-World Problem Solving Personal Employment
Hixson Middle School Coursework	Social Studies 6 Social Studies 7 Social Studies 7 Science 6 Science 7 Science 8	









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