

Montgomery County Elementary Educator Pathway

Regional pathway models support the alignment of stakeholders including employers, higher education, K-12, and workforce, to ensure pathways prepare young people for careers with family-supporting wages and build a robust pipeline for employers. Pathway models demonstrate a vision from 8th grade to career including high school coursework, college and career preparation activities, potential postsecondary programs, and in-demand jobs in the regional labor market. This is a living document that will need to be updated regularly to reflect current education programs and workforce needs.

Academic Coursework

This general coursework is recommended for all students in the Education pathway.

	Grade 8	Grades 9 and 10	Grade 11	Grade 12	
Career Focused Courses		<ul style="list-style-type: none"> Foundational Education or CCP Course such as: ECE 1101 - Introductory to Child Development 	<ul style="list-style-type: none"> ECE 2200 - Families, Communities, & Schools 	<ul style="list-style-type: none"> EDU 1100 - Introduction to Education 	<ul style="list-style-type: none"> College Credit Plus (CCP) courses apply to a broad range of postsecondary programs in education. The credits apply to both high school and postsecondary requirements, saving students time and money.
English	Grade 8 English	English II English III	<ul style="list-style-type: none"> ENG 1101 - English Composition I 	<ul style="list-style-type: none"> ENG 1201 - English Composition II 	
Math	Grade 8 Math/Algebra	Algebra I/Geometry	Algebra II	Trigonometry/Calculus	
History	Social Studies	<ul style="list-style-type: none"> World History American History HIS 1101* - US History 	World History Social Studies Elective**	US Government	
Science	Physical Science	Biology	Chemistry	Physics	

*Miami University students replace with HIS 1112: Western Civilization **Optional

College and Career Preparation

These additional activities support students in preparing for both college and career. Work-based learning enables students to apply their academic learning in a real-world setting. Advising supports students in making decisions that align best with their strengths and future goals. Competencies describe the skills and knowledge students need for a successful career in education career fields.

	Grade 8	Grades 9 and 10	Grade 11	Grade 12
Work-Based Learning	<ul style="list-style-type: none"> Job Shadow Peer Tutoring 	<ul style="list-style-type: none"> Job Shadow Join Educator Rising/Participate in a Grow Your Own Program at your HS Summer work with childcare, tutoring, student programs, etc. 	<ul style="list-style-type: none"> Job Shadow Job Fair Mock Interview Participate in Educator Rising/Participate in a Grow Your Own Program at your HS Summer work with childcare, tutoring, student programs, coaching, etc. 	<ul style="list-style-type: none"> Job Shadow Job Fair Mock Interview Educator Rising Participate in a Grow Your Own Program at your HS Summer work with childcare, tutoring, student programs, coaching etc.
Advising	<ul style="list-style-type: none"> YouScience 	<ul style="list-style-type: none"> Identification of Credential and College Options Financial Literacy Course Begin Ohio Means Jobs Readiness Seal College Application Prep Work 	<ul style="list-style-type: none"> Financial Literacy Course Ohio Means Jobs Readiness Seal Identify content area and grade level of interest for teaching license 	<ul style="list-style-type: none"> Complete FAFSA Complete College Application Complete Ohio Means Jobs Readiness Seal College and Career Signing Day
Competencies	<ul style="list-style-type: none"> Employability Skills CPR & First Aid Certification 	<ul style="list-style-type: none"> Written Communication Verbal Communication Organization Responsible Decision Making Social Awareness Relationship Skills Child Development 	<ul style="list-style-type: none"> Ethics in Education Technology Competencies 	<ul style="list-style-type: none"> Individual specialization in grades and subjects of interest

Educational Competencies

Written Communications:

The ability to identify, clearly state, and convey a goal to the reader.

Verbal Communication:

The ability to deliver and understand verbally transmitted information quickly and accurately.

Organization:

The ability to manage many tasks: planning lessons, delivering instruction, scheduling, maintaining records, prioritization, and collaboration.

Social Awareness:

The ability to understand and empathize with the perspectives of others, including those from diverse backgrounds, cultures, and contexts.

Relationship Skills:

The ability to establish and maintain healthy and supportive relationships and to navigate settings with a broad spectrum of individuals and groups.

Responsible Decision Making:

The ability to make caring and constructive choices about personal behavior and social interactions across various situations.

Child Development:

Understand the sequence of physical, intellectual, language, and emotional changes that occur in a child from birth to young adulthood.

Technology Competencies:

The ability to perform and adapt core technology functions necessary for the classroom and functions within an educational setting.

Educational Professional Licensure:

Use understanding of appropriate education requirements, licensure, and certification to obtain appropriate credentials.

Ethics in Education:

Understand the value of educational integrity and the responsibility inherent in the profession of teaching.

Selected Postsecondary Options

The selected postsecondary credentials in the education pathway are based on transfer agreements at Sinclair Community College. Some education paths have credentials that easily stack or build from the previous credential, while others are not easily stackable. Credentials can help individuals document their progress in defined career pathways and help them measure their move up the career ladder into different or higher paying jobs.

Professional Role	Initial Credential	Stackable Credentials	Typical Occupational Outcome
Educational Aide	Educational Aide Permit	<ul style="list-style-type: none"> Associates degree or 48 semester hours at an accredited college or university ParaPro Exam 	Educational Aide with ESEA endorsement
Early Childhood Education	Child Development Associate Credential (CDA), Ohio Administrator Credential (OCCRA)	<ul style="list-style-type: none"> Associates degree, Associate of Arts (AA) or Bachelor of Arts (BA) in Early Childhood Education (Non-Licensure) Pre-Kindergarten License, Pre-Kindergarten Special Needs, Teaching English to Speakers of Other Languages (TESOL), Adapted Physical Education, Bilingual, Computer/Technology, Computer Science, Drama/Theater 	<ul style="list-style-type: none"> Pre-kindergarten Teacher Lead Teacher at Childcare Center or Early Learning Center Childcare Center Administrator
Elementary Teacher	Teaching License	<ul style="list-style-type: none"> Bachelors Degree, Early Childhood Generalist License, Primary (PK-5) License, Teaching English to Speakers of Other Languages (TESOL), Gifted Intervention Specialist, Drama/Theater, Computer Science, Computer/Technology, Bilingual, Adapted Physical Education 	Elementary Teacher
Middle Childhood Education	Teaching License	<ul style="list-style-type: none"> Bachelors Degree Middle Childhood License, Middle Childhood Generalist Endorsements (LA, Math, Science, Social Studies), Teaching English to Speakers of Other Languages (TESOL), Gifted Intervention Specialist, Drama/Theater, Computer Science, Computer/Technology, Bilingual, Adapted Physical Education 	Grades 4-9 Teacher
Adolescent Young Adult Education (AYA)	Teaching License	<ul style="list-style-type: none"> Bachelors Degree Adolescent Young Adult (AYA) License, AYA Subject Endorsements, Teaching English to Speakers of Other Languages (TESOL), Gifted Intervention Specialist, Drama/Theater, Computer Science, Computer/Technology, Career Based Intervention, Bilingual, Adapted Physical Education 	Grades 7-12 Teacher
Educational Leadership	Two years of successful teaching experience under a standard teaching license, Master's Degree, Approved Preparation Program, or Alternative pathway	<ul style="list-style-type: none"> Principal License Administrative Specialist License Superintendent License 	<ul style="list-style-type: none"> Assistant Principal Principal Dean of Students Superintendent Instructional Coordinator

Additional information about supplemental licensures can be found at the Ohio Department of Education website:

<https://education.ohio.gov/Topics/Teaching/Licensure/Supplemental-License/Supplemental-Teaching-License-for-Endorsement-Area>

Selected Occupations, Wages, and Job Growth

The education careers listed below are projected to grow in the region. The living wage (\$32.08 per hour) is from the MIT Living Wage Calculator for one adult and one child in Montgomery County in 2022. Those pursuing a career in public sector education may choose to explore the additional career benefits unique to the field such as retirement, healthcare, and leave. Note that some jobs in the table do not pay a living wage; however, degree and credential pathways exist in all professions and the following information documents the earning potential for different roles within education.

Occupation	Job Summary	Entry-Level Education	2021 Median Pay	Median Hourly Earnings	Pays Living Wage (\$32.08)	Expected Growth 2020-2030
Teacher Assistants	Teacher assistants work with a licensed teacher to give students additional attention and instruction.	Some college, no degree	\$24,360	\$16	No	9%
Preschool Teachers	Preschool teachers educate and care for children younger than age 5 who have not yet entered kindergarten.	Associate's degree	\$30,210	\$20	No	18%
Elementary School Teachers	Kindergarten and elementary school teachers instruct young students in basic subjects in order to prepare them for future schooling.	Bachelor's degree	\$61,350	\$41	Yes	7%
Middle School Teachers	Middle school teachers educate students typically in sixth through eighth grades.	Bachelor's degree	\$61,320	\$41	Yes	7%
High School Teachers	High school teachers teach academic lessons and various skills that students will need to attend college and to enter the job market.	Bachelor's degree	\$61,280	\$41	Yes	8%
Career & Technical Education Teachers	Career and technical education teachers instruct students in various technical and vocational subjects, such as auto repair, healthcare, and culinary arts.	Bachelor's degree	\$61,160	\$41	Yes	5%
Special Education Teachers	Special education teachers work with students who have a wide range of learning, mental, emotional, and physical disabilities.	Bachelor's degree	\$61,820	\$42	Yes	8%
Elementary, Middle, & High School Principals	Elementary, middle, and high school principals oversee all school operations, including daily school activities.	Master's degree	\$98,490	\$56	Yes	8%
Instructional Coordinators	Instructional coordinators oversee school curricula and teaching standards. They develop instructional material, implement it, and assess its effectiveness.	Master's degree	\$63,740	\$43	Yes	10%
Librarians & Library Media Specialists	Librarians and library media specialists help people find information and conduct research for personal and professional use.	Master's degree	\$61,190	\$41	Yes	9%
School & Career Counselors and Advisors	School counselors help students develop academic and social skills. Career counselors and advisors help people choose a path to employment.	Master's degree	\$60,510	\$41	Yes	11%

Source: Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, Career and Technical Education Teachers, at <https://www.bls.gov/ooh/education-training-and-library/career-and-technical-education-teachers.htm> (visited August 18, 2022).

*living wage calculation based on one adult and one child in Montgomery county in August of 2022 from the MIT Living Wage Calculator (<https://livingwage.mit.edu/counties/39113>)