Pathways in Information Technology prepares students for occupations in the fields of computer programming, software applications development, web design, and computer repair/installation. Students have the opportunity to design, develop, and manage different types of software programs and hardware.

Pathways in Media & Communication Arts introduce students to the ever-growing array of new media forms. Students who are interested in becoming producers, directors, journalists, website designers, and multimedia artists can explore their interests in these pathways.

In Law & Public Safety pathways, students are introduced to careers in law and criminal justice. Students are provided in-depth exposure to topics including criminal justice, law enforcement, family law, and forensic science. This pathway is a great fit for students who want to serve their communities and get real-life experience in courtrooms, law enforcement, and crime scene investigation.

The Personal Care Services pathways prepare students for careers in the professional hair and beauty industry by providing real world experiences in state-of-the-art cosmetology and barbering labs. Students participate in citywide events and activities that provide the opportunity to earn the hours they need to get their state license.

Students in Transportation pathways are prepared for careers in which they plan, manage, and move people, materials, and products by road, air, rail, and water. These pathways prepare students to work on cars and trucks and navigate airplanes in a fast growing industry.

Can students with Individual Education Plans (IEP) or 504 Plans participate in CTE?
Yes! All students have equal access to programs, activities, and services. Parents and students should speak with their school’s Case Manager to select a program that is the right fit for them.
What is Career & Technical Education? Career & Technical Education (CTE) is a collection of high school programs that prepare students for college and career success by providing core academics, employability skills, and technical skills. As part of their CTE program, students may earn industry certifications and/or earn college credit in addition to a high school diploma. Students can graduate better prepared for high skill, high wage, and in-demand careers and all other post-secondary options.

What are the benefits of CTE?
- Industry certifications
- Saving students hundreds of dollars
- Summer internships
- Get experience working at top companies such as Lurie Children’s Hospital or Chase
- College Credit
- Students may start college with credits towards a degree

How can students apply to CTE?
- 8th graders apply online at go.cps.edu
- 9th & 10th graders should speak with their high school counselor to sign up

Agricultural Sciences
Students studying Agricultural Sciences learn the science, business, and technology involved in plant and animal production. In the classroom, students learn concepts involved in improving the quality and safety of food; caring for animals; managing agriculture business; and cultivating natural resources. Students then put theories into practice working on a farm, in a kitchen, or green house.

SAMPLE CAREERS
- Agricultural Applied Biology
- Agricultural Business
- Agricultural Mechanics
- Animal Science
- Food Science
- Horticultural Science
- Natural Resource Management
- Environmental Engineer
- Animal Scientist
- Agricultural Sales Director

Sample Careers
- Agricultural Teacher
- Biochemist
- Carpenter
- Electrician
- Contractor
- Heavy Equipment Operator
- Welder

Business
Pathways in Education and Training focus on the development of excellent teachers and caretakers. Students learn current educational theories and put their knowledge into practice by working in elementary schools and local daycares.

SAMPLE CAREERS
- Entrepreneur
- Operations Manager
- Personnel Recruiter
- Banker
- Accountant
- Loan Officer

Culinary & Hospitality
In the Culinary and Hospitality pathways, students study for careers in management, marketing, and operations. Students are provided with opportunities to practice managing employees; assembling and preparing a restaurant menu; and developing exceptional customer service skills. Culinary and Hospitality pathways prepare students for success in any customer oriented field.

SAMPLE CAREERS
- Chef
- Food Service Manager
- Restaurant Manager

Health Sciences
In Health Sciences pathways, students learn medical terminology; study human anatomy; and investigate the prevention, treatment, and management of illnesses. Health Science exposes students to a myriad of careers in healthcare and to a future that is dedicated to helping others.

SAMPLE CAREERS
- Pediatrician
- Occupational Therapist
- Veterinarian

Architecture & Construction
In Architecture and Construction pathways, students gain an understanding of project management and technical skills needed to turn plans into products. Students get hands-on experience working with power tools, rendering blueprints, and managing projects. Each pathway focuses on one specific field related to architecture and construction.

SAMPLE CAREERS
- Architecture
- Carpentry
- Chicago Builds
- Contractor
- Electrician
- Carpenter
- Architect
- Heavy Equipment Operator
- Welder

Education & Training Pathways
Pathways in Education and Training focus on the development of excellent teachers and caretakers. Students learn current educational theories and put their knowledge into practice by working in elementary schools and local daycares.