

# ARTS AND COMMUNICATIONS (AC) Pathway

*This Pathway is designed to cultivate students' awareness, interpretation, application, and production of visual, verbal, and written work.*

| Are you interested in...                                                                                                                                                                                        | Can you...                                                                                                                                         | Do you enjoy...                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| News reporting and writing<br>Interviewing and reviewing<br>Multi-media productions<br>Acting<br>Radio, TV, Film, Video<br>Performing in a band or chorus<br>Attending concerts<br>Drawing, painting<br>Artwork | Sing<br>Play an instrument<br>Be creative<br>Act<br>Articulate clearly<br>Write and conduct interviews<br>Meet deadlines<br>Sell<br>Draw<br>Sculpt | Writing<br>Making videos<br>Working with film props<br>Seeking creative ideas<br>Working with sound effects<br>Performing in front of an audience<br>Working with computers |

*If you answered “yes” to many of these questions, you might consider a future in one of the sample occupations listed below.*

## SAMPLE CAREERS

| Entry                                                                                                                                                                                                                                            | Technical School                                                                                                                                                                                                                                                                | Professional (4+ college)                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model<br>Radio operator<br>Stage hand<br>Stunt performer<br>Announcer<br>Dancer<br>Film loader<br>Photographer<br>Floral designer<br>Florist<br>Sound technician<br>TV, Video, and movies<br>Desktop publisher<br>Copy person<br>Newsroom worker | Actor<br>Illustrator<br>Choreographer<br>Dancer<br>Disc jockey<br>Musician<br>Animator<br>Artist<br>Broadway technician<br>Fashion designer<br>Jeweler<br>Make-up artist<br>Recording Engineer<br>Video manager<br>Computer graphic artist<br>Web designer<br>Desktop publisher | Art or music teacher<br>Cinematographer<br>Composer<br>Film editor<br>Multi-media artist<br>Music critic<br>Music director<br>News broadcaster<br>Producer and director<br>Editor<br>Curator<br>Advertising creator<br>Art director<br>Interior designer<br>Fashion designer<br>Industrial designer<br>Copy writer<br>News writer<br>Telecommunications<br>Writer |

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# BUSINESS, FINANCE, AND INFORMATION TECHNOLOGY (BFIT) PATHWAY

*This Pathway is designed to prepare students in the world of business, finance, and information services.*

## Are you interested in...

A business environment  
Office management  
Sales  
Computers and technology  
Presentations to groups  
Telecommunications  
Advertising  
Different work sites  
Record keeping

## Can you...

Work easily with others  
Organize your time  
Work with statistics  
Use computers and other technology  
Pay attention to details  
Solve problems  
Work independently  
Show initiative  
Work on a team

## Do you enjoy...

Meeting with groups  
Making budgets  
Organizing a project  
Planning an event  
Working with technology  
Selling products and services  
Processing numbers  
Preparing financial reports  
Following directions  
Learning new software programs

*If you answered “yes” to many of these questions, you might consider a future in one of the sample occupations listed below.*

## SAMPLE CAREERS

### Entry

Customer service  
Representative  
Shipping and receiving clerk  
Telemarketer  
Advertising sales agent  
Bank teller  
Cashier  
Payroll clerk  
Title searcher  
Computer operator  
Accounts payable manager  
Administrative assistant  
Data entry  
Retail sales clerk  
Secretary  
Account executive

### Technical School

Computer salesperson  
Graph designer  
Retail technician  
Bank collection officer  
Claims adjuster  
Legal secretary  
Tax preparer  
Paralegal  
Computer support specialist  
Software engineer  
Computer programmer  
Production support analyst  
Desktop publisher  
Medial secretary  
Real estate agent  
Restaurant manager  
Sales representative

### Professional (4+ college)

Marketing manager  
Certified public accountant  
Economist  
Financial manager  
E-commerce analyst  
Securities sales representative  
Systems software engineer  
Systems analysis  
Hospital administrator  
Human resources  
Manager  
Chief executive officer  
Manufacturing sales  
Representative  
Business analysts  
Project manager  
Sports and entertainment agent  
Actuary

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# ENGINEERING AND INDUSTRIAL TECHNOLOGY (EIT) PATHWAY

*This Pathway is designed to cultivate students' interest, awareness and application to careers related to technologies necessary to design, develop, install, and maintain physical systems.*

## Are you interested in...

Building and construction  
Tools, equipment and materials  
Woodworking  
Math and science classes  
Fitness and sports  
Precision work  
Design and architecture  
Engineering  
Computer technology  
Production management  
How things work

## Can you...

Apply science and math  
to the real world  
Read and understand directions  
Solve problems  
Understand and read maps  
Organize reports and people  
See a task through to completion  
Use a computer

## Do you enjoy...

Travel  
Working with your hands  
Designing/working with projects,  
models, and prototypes  
Working in a lab  
Working on a team  
Operating tools and equipment  
Paying close attention to detail

*If you answered "yes" to many of these questions, you might consider a future in one of the sample occupations listed below.*

## SAMPLE CAREERS

### Entry

Carpet installer  
Drywall worker  
Roofer  
Machine operator  
Industrial machine mechanic  
Baggage handler  
Dock worker  
Freight handler  
Laborer  
Warehouse worker

### Apprenticeships

Brick mason  
Carpenter  
Electrician  
HVAC  
Plumber  
Machinist  
Surveyor  
Diesel Mechanic

### Technical School

Grader and dozer operator  
Electrical technician  
Metal engineering technician  
Supervisor  
Welder  
Civil engineering technician  
Robotics technician  
CAD/CAM technician  
Laser technician  
Auto mechanic  
Air traffic controller  
Auto body repair  
Bus driver  
Diesel mechanic  
Dispatch  
Motorcycle mechanic  
Taxi driver  
Truck driver  
Truck terminal manager  
Diesel Mechanic

### Professional (4+ college)

Production and operating worker  
Construction manager  
Cost estimator  
Industrial production manager  
Purchasing agent  
Astronaut  
Nuclear engineer  
Petroleum engineer  
NASA scientist  
Chemical engineer  
Technical writer  
Architect  
Civil engineering  
Industrial engineering  
Mechanical engineering  
Aeronautical engineer  
Aerospace engineer  
Airline pilot  
Transportation engineer  
Navigator

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# HUMAN SERVICES (HS) PATHWAY

*This Pathway is designed to cultivate students' interests, skills, and experiences for employment in careers related to family and human needs.*

## Are you interested in...

Working with people  
Owning your own business  
Aging adults  
Child development  
Family and social services  
Food preparation  
Teaching  
Counseling

## Can you...

Organize well  
Plan and direct programs  
Be creative  
Communicate well  
Assume leadership roles  
Work with a team  
Be conscientious and dependable  
Plan budgets

## Do you enjoy...

Communication services  
Helping and protecting others  
Working with people  
Counseling and advising people  
Serving other's needs  
Interviewing people  
Selling products or services  
Handling customer complaints  
Human problems

*If you answered "yes" to many of these questions, you might consider a future in one of the sample occupations listed below.*

## SAMPLE CAREERS

### Entry

Child care worker  
Cosmetic representative  
Dry cleaning operator  
Home health aide  
Library assistant  
Teacher's assistant  
Postal services worker  
Security guard  
Utility worker  
Aerobics instructor  
Waitress  
Baker  
Travel agent

### Technical School

Barber  
Cosmetologist  
Fashion designer  
Manicurist  
Massage therapist  
Mortician  
Truck driver  
Personal trainer  
Teacher's aide  
Firefighter  
Postmaster  
Police officer  
Flight attendant  
Chef

### Professional (4+ college)

Funeral director  
Therapist  
Counselor  
Professor  
Principal  
Teacher  
Criminologist  
FBI agent  
Lawyer  
Police officer  
Park ranger  
Executive chef  
Food services manager  
Hotel/motel management

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# SCIENCE AND HEALTH (SH) Pathway

*This Pathway is designed to cultivate students' interests in the life, physical and behavioral sciences. In addition, it involves and planning, managing and producing of therapeutic services, diagnostic services, health information and biochemistry research and development. Many of the careers involved with the food, fiber, environmental and natural resource systems fall under this pathway.*

| Are you interested in...                                                                                                                                                                                                   | Can you...                                                                                                                                                                                                                                                                                                        | Do you enjoy...                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Health care environment<br>Science and medicine<br>Medial research<br>Food production<br>Environment and conservation<br>Pharmacy<br>Animals<br>Physical therapy<br>Sports and fitness<br>Information systems<br>Radiology | Pay attention to detail<br>Use a computer and technology<br>Work in a lab setting or medical facility<br>Apply scientific theory to real life problems<br>Work outdoors around animals and plants<br>Collect and analyze data from experiments<br>Work with people in need<br>Work with science and math theories | Diagnosing and caring for sick animals<br>Working outdoors with wildlife<br>Working on cutting edge scientific research<br>Working on a team<br>Medical lab research<br>Making a contribution to society<br>Working with numbers<br>Developing conclusions from a database |

*If you answered “yes” to many of these questions, you might consider a future in one of the sample occupations listed below.*

## SAMPLE CAREERS

| Entry                                                                                                                                                                                                                                                                                                        | Technical School                                                                                                                                                                                                                                                                                                                                 | Professional (4+ college)                                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hospital worker<br>Patient care technician<br>Dialysis technician<br>EEG technician<br>Home health aide<br>Nurse's aide, orderlies<br>Pharmacy technician<br>Physical therapy aide<br>Animal caretaker<br>Breeder<br>Extension service worker<br>Wildlife reserve worker<br>Optician<br>Data Entry<br>Farmer | Certified nursing assistant<br>Dental hygienist<br>Emergency medical technician<br>Licensed practice nurse<br>Medical lab technician<br>Personal trainer<br>Radiological technician<br>Respiratory therapist<br>Dental lab technician<br>Fish and game worker<br>Forest conversationalist<br>GPS technician<br>Surveyor<br>Veterinary Technician | Athletic trainer<br>Speech/Language pathologist<br>Dietitian<br>Physician assistant<br>Medical examiner<br>Pharmacist<br>Physician<br>Registered nurse<br>Marine biologist<br>Soil conversationalist<br>Veterinarian<br>Chemist<br>Environmental scientist<br>Zoologist<br>Nuclear engineer |

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