

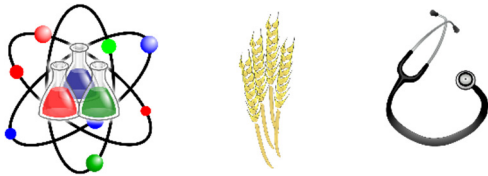
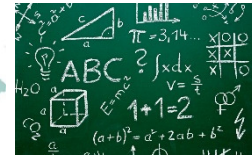
Tyrone Area School District Career Pathways

**Arts
and
Communications**



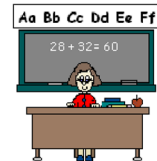
**Business, Finance,
Information Technology, and
Entrepreneurship**

**Engineering, Math,
and
Industrial Technology**



**Health, Science,
and Agriculture**

**Social
and
Human Services**



Arts and Communications

Designed for students with an interest in interpretation, application, and production of visual, verbal, or written work.

Students might select this pathway if they:

- ✓ Are interested in art, music, or writing
- ✓ Are creative and enjoy expressing themselves and entertaining others
- ✓ Are good communicators
- ✓ Like to research and meet deadlines
- ✓ Like being part of production teams
- ✓ Like designing ads and commercials

Possible Careers/Occupations:

- **Applied Arts (Visual):** Animator, Fashion Designer, Graphic Artist, Photographer, Set Designer
- **Applied Arts (Written & Spoken):** Public Relations, Reporter/Journalist; Advertising Copywriter
- **Creative & Performing Arts:** Actor, Composer, Musician, Writer, Dancer/Choreographer, Fashion Model

TAHS Elective Course Options:

<u>World Languages:</u> Spanish 1, 2, 3, 4 Online French 1, 2, 3, 4 Online German 1, 2, 3, 4 Online Latin 1, 2	<u>Visual Arts:</u> Art Application 1, 2 Art Studio Art Lab Intro to Sculpture/Ceramics DE Intro to Art History	<u>GACTC:</u> Digital Printing Drafting & Design Interior Decorating Multimedia & Web Design Visual Arts
<u>Music:</u> Concert Choir POPS Extension (audition only) Concert Band Jazz Band (audition only) Popular American Music Intro to Music Theory	<u>Business & Technology:</u> Intro. to Entrepreneurship Business Law DE Intro to Business Workplace Readiness Personal Finance Workplace Experience (Co-Op) Accounting 1 Comp TIA A+ Cert Prep Intro to Prog & Computer Science 1 Intro to Prog & Computer Science 2	<u>Journalism, English, and Communications:</u> Channel T Newscaster Eagle Eye News (various positions) DE Public Speaking Video Production Eagle Yearbook DE English Composition 1 DE English Composition 2
<u>Other:</u> General Psychology DE Intro to Geography DE U.S. History 2 SAT Review Driver Education Peer Tutoring		<u>TAHS CTE Courses:</u> Pre-Carpentry Carpentry & Design 1, 2, 3 Intro to Drafting & Blueprint Metals & Manufacturing Manufacturing Technology

Business, Finance, Information Technology, and Entrepreneurship

Designed to prepare students for careers in the world of business, finance, sales, and information services.

Students might select this pathway if they:

- ✓ Are interested in a business environment
- ✓ Like buying and selling merchandise
- ✓ Are interested in accounting
- ✓ Are planning to own their own business
- ✓ Like working with technology
- ✓ Like working in groups and planning events

Possible Careers/Occupations:

- **Employment-Related Services:** Employee Benefits Manager, Labor Relations Specialist, Human Resources Manager
- **Marketing & Sales:** Advertising Manager, Sales/Marketing Manager, Insurance Agent, Real Estate Agent, Market Research Analyst
- **Accounting, Finance, & Management:** Accountant, Stock Broker, Administrative Support, Entrepreneur, Hotel Management, Budget Analyst

TAHS Elective Course Options:

<u>World Languages:</u>	<u>Business & Technology:</u>	<u>GACTC:</u>
Spanish 1, 2, 3, 4 Online French 1, 2, 3, 4 Online German 1, 2, 3, 4 Online Latin 1, 2	Accounting 1, 2, 3 Business Law Intro to Entrepreneurship DE Intro to Business Comp TIA A+ Certification Intro to Programming & Computer Science 1 Intro to Programming & Computer Science 2 Personal Finance Workplace Readiness Workplace Experience (Co-Op)	Retail Marketing Administrative Office Specialist
<u>Math:</u>	<u>Other:</u>	<u>Journalism, English, and Communications:</u>
DE Statistics Trigonometry Pre-Calculus w/Trig DE Calculus DE College Algebra	General Psychology DE Intro to Geography DE U.S. History 2 SAT Review Driver Education Peer Tutoring Cafe	DE Public Speaking Eagle Yearbook Eagle Eye News (various positions) Video Production DE English Composition 1 DE English Composition 2

Engineering, Math, and Industrial Technology

Designed to develop students' interests, awareness, and applications to areas related to the technologies necessary to design, develop, install, and maintain physical systems.

Students might select this pathway if they:

- ✓ Enjoy building things
- ✓ Like math and science
- ✓ Like research and designing systems
- ✓ Are detail oriented
- ✓ Are curious and like to solve problems
- ✓ Like working on teams

Possible Careers/Occupations:

- **Engineering & Technologies:** Engineers (ex. Civil, Mechanical, Nuclear), Architect
- **Transport Operations:** Logistics and Materials Manager, Truck Driver, Warehouse Manager
- **Construction & Maintenance:** Carpenter, Electrician, Plumber, Mason
- **Manufacturing & Processing:** Tool & Die Maker, Machinist, Sheet Metal Processor, Welder, Water Plant Operator, Machine Operator
- **Mechanical Specialties:** Auto Mechanic, Technician in various fields (ex. auto, sound, broadcast)
- **Computer:** Computer Systems Analyst, Computer Programmer; Computer Network Engineer
- **Math Fields:** Actuary, Mathematician, Purchasing Agent, Statistician

TAHS Elective Course Options:

<u>World Languages:</u>	<u>TAHS CTE Courses:</u>	<u>GACTC:</u>
Spanish 1, 2, 3, 4 Online French 1, 2, 3, 4 Online German 1, 2, 3, 4 Online Latin 1, 2	Pre-Carpentry Carpentry & Design 1, 2, 3 Manufacturing Technology Metals & Manufacturing Intro to Drafting & Blueprint Metalworking Technology	Automotive Diesel Technology Automotive Technology Cabinetmaking Collision Repair Computer Programming Computer Technology Electrical Trades Electro Mechanical Engineer HVAC/Plumbing Logistics Masonry Outdoor Power Equipment Precision Machining Welding
<u>Other:</u>	<u>Business & Technology:</u>	
General Psychology DE Intro to Geography DE U.S. History 2 SAT Review Driver Education Peer Tutoring	Accounting 1, 2, 3 Intro to Entrepreneurship Business Law Personal Finance Workplace Readiness Workplace Experience (Co-Op) Comp TIA A+ Cert Prep Intro to Prog & Computer Science 1 Intro to Prog & Computer Science 2	
<u>Math and Science:</u>		<u>Journalism, English, and Communications:</u>
Pre-Calculus w/Trig Trigonometry DE Statistics DE Calculus DE College Algebra Physics Principles of Technology		DE Public Speaking Video Production Eagle Eye News Eagle Yearbook DE English Composition 1 DE English Composition 2

Health, Science, and Agriculture

Designed to develop students' interests in the life, physical, and behavioral sciences.

Students might select this pathway if they:

- ✓ Are interested in the health care environment
- ✓ Are interested in environmental issues
- ✓ Enjoy research and conducting experiments
- ✓ Are detail oriented
- ✓ Enjoy caring for people
- ✓ Enjoy caring for animals

Possible Careers/Occupations:

- **Natural Science & Technologies:** Biologist, Food Technologist, Geologist, Meteorologist, Physicist
- **Medical Professional:** Doctor/Surgeon, Dentist, Nurse, Physician Assistant, Nurse Practitioner, Physical Therapist, Veterinarian, Nursing Assistant
- **Medical Technologists:** Dietician/Nutritionist, Optician, Pharmacist, Radiology/Sonography, Medical Lab Technician, Veterinary Technician
- **Chemistry:** Chemist, Chemical Engineer
- **Agriculture, Forestry:** Aquaculturist, Farm Manager, Forester, Nursery/Greenhouse Manager, Agribusiness

TAHS Elective Course Options:

<p><u>World Languages:</u></p> <p>Spanish 1, 2, 3, 4 Online French 1, 2, 3, 4 Online German 1, 2, 3, 4 Online Latin 1, 2</p> <p><u>Other:</u></p> <p>General Psychology DE Intro to Geography DE US History 2 Applied Nutrition SAT Review Driver Education Peer Tutoring</p> <p><u>Science:</u></p> <p>AGMO Anatomy/Physiology DE Chemistry 2 Physics Microbiology</p>	<p><u>Math:</u></p> <p>Pre-Calculus w/Trigonometry Trigonometry DE Statistics DE Calculus DE College Algebra</p> <p><u>TAHS CTE Courses:</u></p> <p>Animal Science Ag Power & Technology Botany-Horticulture Plant Science Intro to Ag/Food/Natural Resources Animal & Plant Biotechnology Natural Resources & Ecology</p> <p><u>Business & Technology:</u></p> <p>Workplace Readiness Workplace Experience (Co-Op) Personal Finance Comp TIA A+ Cert Prep Intro to Prog&Computer Scienc1 Intro to Prog&Computer Scienc2</p>	<p><u>GACTC:</u></p> <p>Dental Assistant Health Occupations</p> <p><u>TAHS CTE Courses:</u></p> <p>SAE Practicum Agriculture & Research Ag Business Foundations Pre-Health Tech Health Tech 1, 2, 3</p> <p><u>English & Communications:</u></p> <p>DE Public Speaking DE English Composition 1 DE English Composition 2</p>
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Social and Human Services

Designed to develop students' interests, skills, and experiences for employment in careers related to human needs and serving others.

Students might select this pathway if they:

- ✓ Are interested in caring for people
- ✓ Like helping others reach their potential
- ✓ Are tolerant of others' differences
- ✓ Enjoy working with people of all ages, including children and the aged
- ✓ Enjoy communicating with people

Possible Careers/Occupations:

- **Education:** Teacher, Coach
- **Personal Services:** Barber, Cosmetologist, Flight Attendant; Chef/Caterer
- **Community Services:** Counselor, Social Worker, Lawyer, Police Office/Law Enforcement, First Responder; Politician, Lobbyist

TAHS Elective Course Options:

<u>World Languages:</u> Spanish 1, 2, 3, 4 Online French 1, 2, 3, 4 Online German 1, 2, 3, 4 Online Latin 1, 2	<u>Business & Technology:</u> Intro to Entrepreneurship Personal Finance Workplace Readiness Workplace Experience (Co-Op) Comp TIA A+ Cert Prep Intro to Programming & Computer Science 1 Intro to Programming & Computer Science 2	<u>GACTC:</u> Cosmetology Culinary Arts Emergency Services
<u>Other:</u> General Psychology DE Intro to Geography DE US History 2 SAT Review Driver Education Peer Tutoring Community Outreach Cafe	<u>Journalism, English, and Communications:</u> Channel T Newscaster Eagle Eye News (various positions) Eagle Yearbook DE English Composition 1 DE English Composition 2 Video Production DE Public Speaking	