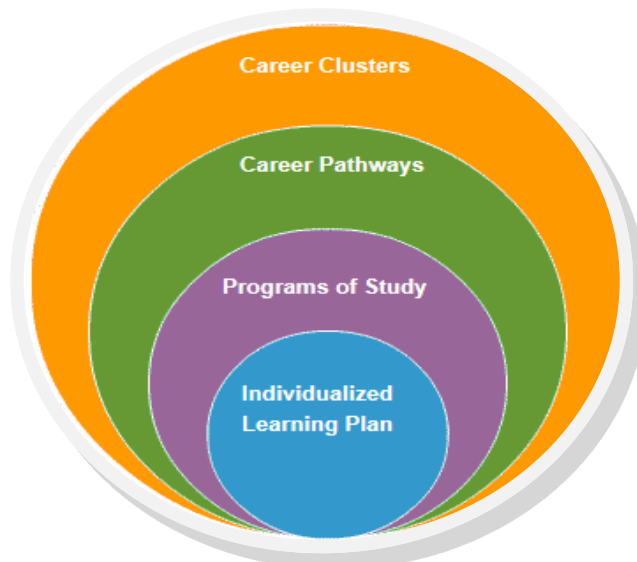


Career Clusters

16 Career Clusters & their Pathways



RLASD

ACTIVITIES I ENJOY DOING:

- Learning about different foods
- Finding out where foods come from
- Learning about plants
- Exploring nature
- Being hands on

PERSONAL QUALITIES:

- Nature Minded
- Outdoor Enthusiast
- Business Orientated
- Environmentally Aware



Agriculture, Food & Natural Resources

Careers in Agriculture, Food and Natural Resources utilize science, marketing, service, production, supply, processing, preservation of the food supply, plants, animals, and natural resources.

Career planning should include a solid background in math, science, communications, and technical skills.

Education and training for a position in a field in agriculture can start as soon as you enter high school and can continue on into either a technical, two-year, four-year college , apprenticeship programs, and career technical schools/institutes.



Sample Career Options

Technical College

Meat Processing
Agriculture Mechanic
Veterinary Technician
Landscape and Turf Service

Four-Year College

Veterinarian
Microbiologist
Animal Science
Conservation Officer
Food Scientist
Game Warden
Forestry
Skills USA

High School Recommendations

Suggested High School Courses

AGRICULTURE

Plants, Animals and You
Leadership, Agriculture & You
Food Processing
Veterinary Science
Forestry
Natural Resources
Wildlife Management
Horticulture

MATH

AP Statistics
Advanced Math

ENGLISH

Technical Reading
Technical Writing
Contemporary Literature
Research & Composition

FAMILY & CONSUMER ED

Intro to Foods and Finance
Foods for Teens
Culinary Arts
Personal Finance
Independent Study
Family & Consumer Ed Co-op

TECHNOLOGY&ENGINEERING

Intro to Transportation
Automotive ABC's
Intro to Manufacturing
Welding One
Home Repair Basics

ART

Advanced Drawing

WORLD LANGUAGES

CHOIR AND BAND

SOCIAL STUDIES

Social Problems
Economics
Cultural Studies

PHYSICAL EDUCATION

Outdoor Adventure

HEALTH CAREERS

SCIENCE

Biotechnology
Aquatic Ecology
Kingdoms of Life
Chemistry

BUSINESS ED

Keyboard & Microsoft Courses
Personal Finance
Business Core Courses

Suggested Activities

4-H
Hunter Safety
Dairy Breakfast
County Fair
FFA Member
Humane Society
FCCLA
FBLA

RLASD

ACTIVITIES I ENJOY DOING:

- Using my imagination to communicate new information to others
- Visualizing
- Performing work that requires precise results
- Working with my hands
- Solving technical problems
- Visiting and learning from beautiful, historic, or interesting buildings

PERSONAL QUALITIES:

- Creative and Imaginative
- Great communicator
- Curious about technology
- Curious
- Pay attention to detail
- Patient and persistent



Architecture and Construction

Careers in the architecture and construction include design planning, managing, building and maintaining building environments. Individuals employed in these careers work on new structures, restorations, additions, alterations, and repairs.

Students who pursue employment in these fields need a solid background in math, science, and technical skills.

Your education and training could start in the high school level transferring to technical, two-year, four-year college, apprenticeship programs, and career/technical schools or institutes.



Sample Career Options

Technical College

Electrician
HVAC
Plumber
Stonemason
Civil Engineering Technician
Land Surveyor
Carpentry
Masonry

Four-Year College

Architect
Electrical Engineering
Project Engineer
Project Inspector
Urban Planning
Civil Engineering

High School Recommendations

Suggested High School Courses

ART

Advanced Drawing
Ceramics & Sculpture 1 & 2
Advanced Ceramics
3D Independent Art

BUSINESS EDUCATION

Keyboarding/Microsoft Courses
Personal Finance
Business Core Courses

ENGLISH

Technical Reading
Technical Writing
Speech Communication
World Literature
Research & Composition

TECHNOLOGY/ENGINEERING

Intro to Communication
Ind. Study Communications
Intro to Manufacturing
Wood Process Technology
Welding One

Light Building Construction

Home Repair Basics

AGRICULTURE

Horticulture
Natural Resources

SCIENCE

Conceptual Physics 1
Conceptual Physics 2
Chemistry
AP Physics B

FAMILY & CONSUMER ED

Creating Spaces
Intro to Fashion & Design
Personal Finance
Independent Study FACE
Fam.& Consumer Ed Co-op

MATH

Advanced Math
AP Statistics
AP Calculus

CHOIR AND BAND

WORLD LANGUAGES

SOCIAL STUDIES

A. P. European History

PHY ED

Fit for Life

FBLA

Forensics

Band

Pep Band

Art Club

Jazz Ensemble

Marching Band

School Plays

Skills USA

FFA

Suggested Activities

RLASD

ACTIVITIES I ENJOY DOING:

- Using my imagination to communicate new information to others
- Performing in front of others
- Playing an instrument
- Performing creative, artistic activities
- Using recording technology
- Designing brochures and posters

PERSONAL QUALITIES:

- Creative and Imaginative
- Great communicator
- Curious about technology
- Relate well to feeling and thoughts of others
- Determined/ Tenacious



Arts, A/V Technology, & Communication

Careers in the Arts, A/V Technology and Communication encompass the world of designing, producing, exhibiting, performing, writing, and making your visualizations a reality. Careers in the Performing Arts, and Visual Arts require courses and activities that challenge students' creative talents.

Careers in Audio-Visual Communications Technology, Telecommunications or Printing Technology require strong backgrounds in computer and electronic – based technology and a solid foundation in math and science. The creative aspects are rapidly merging with the technological advancements making this industry in demand for the future.

Education and training can be obtained in high school, technical, two-year, four-year colleges, apprenticeship programs, and career technical schools/institutes.



Sample Career Options

Technical College

Floral Designer
Graphic Design
Telecommunications
Website Design
Radio Broadcasting
Photography
Video Game Design
Telephone Installer

Four-Year College

Art Teacher
Set Designer
Interior Design
Industrial Stylist
Music Teacher
Journalist
Reporter
Technical Writer

High School Recommendations

Suggested High School Courses

ART

Advanced Drawing
Painting & Printmaking 1 & 2
Graphic Design
Ceramics & Sculpture 1 & 2
Advanced Ceramics & Sculpture
3D Independent Art
2D Independent Study
AP 2D Studio Art

BUSINESS EDUCATION

Keyboarding & Microsoft courses
Personal Finance
Web Page Design

SCIENCE

Conceptual Physics Blue
Conceptual Physics Gold

TECHNOLOGY/ENGINEERING

Intro to Communications
Applied Graphic
Solid Works -3D Modeling
Ind. Study Communications

PHYSICAL EDUCATION

AGRICULTURE

Plants, Animals, and You
Horticulture

FAMILY & CONSUMER ED

Creating spaces
Intro to Fashion & Design
Clothing and Textiles
Personal Finance
Independent Study - Fam & Cons Ed
Family & Consumer Ed Co-Op

ENGLISH

Language and Composition
Creative Writing
Mythology
Contemporary Literature
Speech Communication
A Literary Study of Theatre

MATH

AP Statistics
Advanced Math

WORLD LANGUAGES

CHOIR AND BAND

SOCIAL STUDIES

Economics
Psychology

Suggested Activities

FBLA
Forensics
Band
Pep Band
Art Club
Jazz Ensemble
Marching Band
School Plays
Yearbook
Skills USA
FFA

ACTIVITIES I ENJOY DOING:

- Organizing community activities
- Tasks that involve numbers and generating reports
- Performing routine, organized activities but can be flexible

PERSONAL QUALITIES:

- Organized
- Practical
- Logical
- Patient
- Responsible
- Being a leader
- Complete tasks with minimal supervision

Business Management & Administration

Careers in business management and administration include planning, organizing, directing and evaluating business functions that are necessary to the efficiency of productive business operations. Career opportunities are available in every division of the economy and require specific skills in organization, time management, customer service, and communication.

Planning for a position in a career in this field needs a solid leadership, teaching and computer skills in addition to a solid background in math and science.

Education and training can start in the high school level and continue on in a technical, two-year, four-year college, apprenticeship program, and a career at a technical school/institute.



Sample Career Options

Technical College

Information Technology
Office Manager
Court Reporter
Data Entry
Legal Secretary
Financial Clerk
Accounting
Retail Sales

Four-Year College

International Business
Business Administration
Business Management
Human Resources
Controller
Construction Manager
Financial Managers
Training Specialist

High School Recommendations

Suggested High School Courses

BUSINESS EDUCATION

Keyboarding & Microsoft Courses
Accounting 1 & 2
College Accounting
Personal Finance
Marketing
International Business
Business Management
Business Law

ART

Graphic Design
Painting & Printmaking 1 & 2
3D Independent Art

ENGLISH

Technical Reading
Technical Writing

TECHNOLOGY AND ENGINEERING ED

Intro to Communications
Applied Engineering
Intro to Transportation
Intro to Manufacturing

PHY ED

Dual & Individual
Team Sports
Fit for Life

FAMILY AND CONSUMER EDUCATION

Intro to Foods & Finance
Personal Finance
Independent Study –Family & Cons Ed
Family & Consumer Ed Coop

MATH

Advanced Math
AP Statistics
AP Calculus

SCIENCE

Conceptual Physics Blue

CHOIR AND BAND

SOCIAL STUDIES

Psychology
Economics

WORLD LANGUAGES

Suggested Activities

FBLA
Forensics
Band
Pep Band
Art Club
Jazz Ensemble
Marching Band
School Plays
Yearbook
Skills USA

RLASD

ACTIVITIES I ENJOY DOING:

- Communication with others
- Helping others in need
- Directing and planning lessons or activities
- Handling several responsibilities at once
- Acquiring new information
- Helping others overcome challenges

PERSONAL QUALITIES:

- Friendly
- Decision maker
- Helpful
- Innovative
- Good Listener

Education & Training



Careers in education and training include planning, managing, providing education and training services, and related learning support services.

Employees of Education and Training need to have a solid foundation in academic, technical and presentation/facilitation skills.

Education and training for a field this career path can begin in high school continuing on into technical, two-year, or four-year colleges, internships, career technical schools/institutes, and human resource/training organizations.



Sample Career Options

Technical College

Child Care Services
Sign Language Interpreter
Teacher Assistant
Special Ed Teacher Asst.
Youth Program Director
Library Technician

Four-Year College

Career Counselor
College Professor
Developmental Psychologist
Elementary Education
Secondary Education
Occupational Therapist
School Counselor

High School Recommendations

AGRICULTURE

Plants, Animals and You
Leadership, Ag and You

ART

Graphic Design
3D Independent Art

FAMILY & CONSUMER ED

Intro to Foods & Finance
Parent & Child
Personal Finance
Independent Study -FACE
Family & Consumer Ed Co-op

CHOIR AND BAND

WORLD LANGUAGES

MATH

AP Statistics

SOCIAL STUDIES

Psychology
Social Problems
AP European History

PHY EDUCATION COURSES

Athletic Training
Fit for Life

BUSINESS EDUCATION

Keyboard & Micro Soft Courses
Personal Finance
Business Core Courses

TECH & ENGINEERING ED

Intro to Communications
Applied Graphic
Intro to Transportation
Intro to Manufacturing

ENGLISH

Language & Composition
Creative Writing
Contemporary Literature
Technical Reading
Technical Writing
Speech Communication
Research & Composition

SCIENCE

Earth and Space Science
Anatomy & Physiology
Aquatic Ecology
Biotechnology
Chemistry
Conceptual Physics Blue
Conceptual Physics Gold

NHS

FCCLA
Art Club
School Plays
Key Club
Student Council
Forensics
Yearbook
Class Officer
Skills USA
FFA

Suggested High School Courses

Suggested Activities

RLASD

ACTIVITIES I ENJOY DOING:

- Working with numbers
- Meeting a deadline
- Making predications based upon facts
- Analyzing data to predict outcomes
- Handling money
- Taking pride in presentation

PERSONAL QUALITIES:

- Detailed orientated
- Trustworthy
- Orderly
- Self-Confident
- Logical
- Methodical or efficient

Finance

Careers include finance and investment planning, banking, insurance, and business financial management.

Interested parties in this field are those who have a strong foundation in math, science, and technical skills. They should also have good time management, problem solving, and communication skills with strong ethics.

Education and training can be started in high school then continued on to a technical, two-year, four-year college, apprenticeship program, and career technical schools/institutes.



Sample Career Options

Technical College

Accountant
Insurance Adjuster
Loan Officer
Real Estate Appraiser
Financial Services Rep
Data Processor

Four-Year College

Financial Analyst
Financial Examiner
Financial Manager
Financial Services Sales Agent
Personal Financial Advisor
Tax Examiner/Revenue Agent
Auditor
Insurance Agent

High School Recommendations

Suggested High School Courses

BUSINESS EDUCATION

Microsoft Office & Publications
Advanced Microsoft Word
Intro to Business & Marketing
Accounting 1 & 2
College Accounting
Personal Finance
Marketing
International Business
Business Management
Business Law

FAMILY & CONSUMER ED

Intro to Foods and Finance
Personal Finance
Independent Study—FACE
Family & Consumer Ed Co-op

ENGLISH

Language & Composition
Technical Reading
Technical Writing
Speech Communication

TECHNOLOGY/ENGINEERING

Intro to Communications
PHY ED
Team Sports
Fit for Life

ART

Intro to Art
Graphic Design

HEALTH CAREERS

SOCIAL STUDIES

Economics
Current Problems

SCIENCE

Conceptual Physics Blue
Conceptual Physics Gold

WORLD LANGUAGE

CHOIR AND BAND

MATH

AP Statistics
Advanced Math

Suggested Activities

Forensics
Key Club
Student Council
NHS
FBLA
FCCLA
Yearbook
FFA

RLASD

ACTIVITIES I ENJOY DOING:

- Following politics
- Debating ideas and topics
- Planning activities
- Working with details
- Travel

PERSONAL QUALITIES:

- Good communicator
- Service minded
- Well organized
- Problem solver
- Competitive



Government & Public Administration

Careers in government and public administration include governmental governance, national security, foreign service, revenue and taxation regulations, and the management of programs and administration at the local, state and federal levels. Almost every occupation can be found within the government.

Those pursuing careers in government and public administration need to have a strong background in social studies, political science, foreign language, and history.

Education and training can begin at the high school level continuing onto two-year, four-year, technical colleges, apprenticeship programs, and career technical schools/institutes.



Sample Career Options

Technical College

Translator
Court Clerk
Human Service
Emergency Medical
Law Enforcement
Building Inspector
Transportation Inspector

Four-Year College

Job Analyst
Legislator
Social Services Administrator
Special Operations Officer
City Manager
City Planning Aide
Civil Engineering
Auditor

High School Recommendations

Suggested High School Courses

SOCIAL STUDIES

Economics
Psychology
Social Problems
Geography
Current Problems
A.P. European History

TECHNOLOGY & ENGINEERING

Intro to Communications

BUSINESS EDUCATION

Keyboarding & Microsoft Courses
Personal Finance
Business Law
International Business

ENGLISH

Language & Composition
Technical Reading
Technical Writing
Speech Communication
Research & Composition

MATH

AP Statistics
Advanced Math
AP Calculus

FAMILY & CONSUMER ED

Intro to Foods & Finance
Personal Finance
Independent Study-FACE
Family & Cons Ed Co-op

SOCIAL STUDIES

WORLD LANGUAGES

SCIENCE

Anatomy & Physiology
Biotechnology
Conceptual Physics Blue
Conceptual Physics Gold

AP Physics

CHOIR AND BAND

PHYSICAL EDUCATION

HEALTH CAREERS

ART

Intro to Art
Graphic Design
Advanced Drawing

Suggested Activities

NHS
Student Council
Debate
Forensics
Key Club
International Club
Young Democrats
Young Republicans
FBLA
School Plays

RLASD

ACTIVITIES I ENJOY DOING:

- Volunteering in stressful situations
- Being part of a team
- Assessing data and turning it into an action
- Meeting deadlines

PERSONAL QUALITIES:

- Compassionate and caring
- Detailed orientated
- Conscientious and careful
- Good listener



Health Science

Careers in the health science incorporate planning, managing, and providing health services. Some careers involve working directly with the public, while other careers involve working behind the scene in research, collecting and formatting data information. Locations of work include places such as hospitals, medical or dental facilities, laboratories, sport arenas, or within the community.

Career planning for a position in the field of health science should include a strong background in math, science, communications, and technical skills.

Education and training can be obtained in high school, technical, two-year, four-year colleges, apprenticeship programs, and career technical schools/institutes.



Sample Career Options

Technical College

Medical Assistant
ER Medical Technician
Dietetic Technician
Massage Therapist
Nursing Assistant
Physical Therapy Assistant
Ultrasound Technician
Medical Secretary

Four-Year College

Nurse Practitioner
Optometrist
Radiologist
Psychiatrist
Audiologist
Pathologist
Pharmacist
Dentist

High School Recommendations

Suggested High School Courses

FAMILY & CONSUMER ED

Intro to Foods and Finance
Family Wellness in the 21st Century
Foods for Teens
Parent and Child
Culinary Arts
Personal Finance
Independent Study—FACE
Family & Consumer Ed Co-op

ENGLISH

Technical Reading
Technical Writing
Speech Communication
Research & Composition
Language & Composition

SOCIAL STUDIES

Psychology
Cultural Study/Geography
Social Problems

PHYSICAL EDUCATION

BUSINESS ED

Keyboard/Microsoft Course
Personal Finance
Business Management

ART

Intro to Art
Advanced Drawing
Graphic Design

MATH

Advanced Math
AP Statistics

SCIENCE

Anatomy & Physiology
Biotechnology
Conceptual Physics Blue
Conceptual Physics Gold
Chemistry
AP Chemistry
AP Biology
AP Physics

AGRICULTURE

Plants, Animals and You
Veterinary Science

CHOIR AND BAND

WORLD LANGUAGE

HEALTH CAREERS

Suggested Activities

NHS
Student Council
FCCLA
Sports Team Mgr.
Key Club
Red Cross
CNA license
FFA
FBLA
Art Club

RLASD

ACTIVITIES I ENJOY DOING:

- Investigating new places and activities
- Working with a variety of ages and types of people
- Organizing activities
- Having a flexible schedule
- Learning about other cultures

PERSONAL QUALITIES:

- Self-motivated
- Outgoing
- Work well with others
- Communicate easily



Hospitality and Tourism

Careers in hospitality and tourism incorporate the management, marketing, and operations of restaurants and other food service, lodging, attractions, and recreational events. It also includes the many branches of the travel-related services. Hospitality and Tourism services are in demand and located throughout the world.

Career Planning for the field of hospitality and tourism should include a solid foundation in math, science, technical and communication skills.

Education and training can be obtained in high school, technical, two-year, four-year colleges, apprenticeship programs, and career technical schools/institutes.



Sample Career Options

Technical College

Culinary Arts
Food Service
Travel Agent
Event Management
Recreation Service
Catering

Four-Year College

Hospitality Administration
Restaurant Management
Recreation Management
Hotel Management
Golf Management
Zookeeper

High School Recommendations

Suggested High School Courses

BUSINESS EDUCATION

Keyboarding & Microsoft Courses
Personal Finance
Accounting Courses
Marketing
Business Law
International Business
Web Page Design

TECHNOLOGY/ENGINEERING

Intro to Communication

SCIENCE

Aquatic Ecology
Kingdoms of Life
Chemistry

PHYSICAL EDUCATION

ART

Advanced Drawing
Paint & Printmaking 1 & 2
Graphic Design
Ceramics 1 & 2 & Adv Cer
3D Independent Art

ENGLISH

Language & Composition
Creative Writing
Technical Writing
Speech Communications

CHOIR AND BAND

WORLD LANGUAGES

MATH

AP Statistics

FAMILY & CONSUMER ED

Intro to Foods & Finance
Foods for Teens
Culinary Arts
Personal Finance
Independent Study—FACE
Family & Cons Ed Co-op

AGRICULTURE

Food Processing
Horticulture

SOCIAL STUDIES

Geography
Economics
Current Problems
Psychology
AP European History

Suggested Activities

NHS
Student Council
FCCLA
FBLA
Key Club
Forensics
FFA
School Plays

RLASD

ACTIVITIES I ENJOY DOING:

- Volunteering
- Being in a team environment
- Working with a diversity of nationalities, ages, and characteristics
- Thinking of new ways to do things
- Making new friends

PERSONAL QUALITIES:

- Compassionate and Caring
- Non-judgmental
- Conscientious and careful
- Good listener
- Uses intuition and logic



Human Services

Careers in human services incorporate preparing individuals to work with families and support human needs. This career path is extremely diverse and can be found in various locations throughout the world.

Career planning for a position in the field of Human Services must include a strong background in communications, science, and technical skills.

Education and training can be obtained in high school, technical, two-year, four-year colleges, apprenticeship programs, and career technical schools/institutes.



Sample Career Options

Technical College

Child Care Assistant
Cosmetologist
Funeral Director
Nail Technician
Skin Care Specialist
Investment Advisor
AODA Associate

Four-Year College

Dietitian
Social Worker
Counselor
Psychiatrist
Sociologist
Early Childhood Education

High School Recommendations

Suggested High School Courses

BUSINESS EDUCATION

Keyboarding & Microsoft Courses
Personal Finance
Business Management
Accounting courses

FAMILY & CONSUMER ED

Intro to Foods & Finance
Family Wellness
Foods for Teens
Parent & Child
Culinary Arts
Personal Finance
Independent Study - FACE
Family & Consumer Ed Co-op

ENGLISH

Language & Composition
Technical Reading
Technical Writing
Speech Communication
Research & Composition

SCIENCE

Anatomy & Physiology
Biotechnology
Chemistry

PHYSICAL EDUCATION

Dual & Individual
Fit for Life
Athletic Training

SOCIAL STUDIES

Psychology
Social Problems

HEALTH CAREERS

CHOIR AND BAND

WORLD LANGUAGES

ART

Advanced Drawing
Paint & Printmkg 1 & 2
Ceramics & Sculpture
Advanced Ceramics

3D Independent Art

MATH

AP Statistics

Suggested Activities

NHS
Student Council
FCCLA
Sports Team Mgr
Key Club
Red Cross
FBLA
HERO
FFA
School Plays
Art Club

RLASD

ACTIVITIES I ENJOY DOING:

- Working with computers
- Reasoning clearly and logically to solve complex problems
- Playing video and computer games
- Concentrating for long periods of time without being distracted

PERSONAL QUALITIES:

- Adapts easily to change
- Precise and accurate
- Detail orientated
- Logical/analytical thinker
- Persistent
- Good concentration



Information Technology

Careers in Information and Technology include the designing, developing, and supporting of the technological hardware, software, multimedia and integration systems.

Career planning for a position in the field of Information and Technology must include a solid background in math and science. Careers in IT are challenging and ever-changing.

Education and training can be obtained in high school, technical, two-year, four-year colleges, apprenticeship programs, and career technical schools/institutes.



Sample Career Options

Technical College

Computer Hardware Tech
Information Technology
Network Security Specialist
Computer Networking Tech
Programmer/Analyst
Video Game Designer
Web Developer
Animator

Four-Year College

Computer Engineer
Information Scientist
Computer Programmer
Software Engineer
Web Master
Network Coordinator

High School Recommendations

Suggested High School Courses

BUSINESS EDUCATION

Keyboarding & Microsoft Courses
Personal Finance
Web Page Design
Business Management
Marketing

SOCIAL STUDIES

Economics

TECHNOLOGY/ENGINEERING

Intro to Communications
Solid Works - 3D Modeling
Ind. Study—Communications
Applied Engineering
IT Essentials: How Computers Work

ENGLISH

Language & Composition
Creative Writing
Technical Reading
Technical Writing
Speech Communication
Research & Composition

SCIENCE

Conceptual Physics Blue
Conceptual Physics Gold
Chemistry

ART

Intro to Art
Graphic Design
Ceramics & Sculpture

MATH

Advanced Math
AP Statistics
AP Calculus

CHOIR AND BAND

WORLD LANGUAGES

FAMILY/CONSUMER ED

Personal Finance

PHY ED

Dual & Individual
Fit for Life

Suggested Activities

NHS
Student Council
FCCLA
Skills USA
Key Club
Math Team
FBLA
Yearbook
Tech Theatre

RLASD

ACTIVITIES I ENJOY DOING:

- Working under pressure
- Positions of authority
- Respecting rules and regulations
- Debate

PERSONAL QUALITIES:

- Adventurous
- Dependable
- Community-minded
- Decisive
- Optimistic



Law, Public Safety, Corrections, & Security

Careers in Law, Public Safety, Corrections, and Security include the planning, managing, and providing of protective services, legal services, homeland security, and public safety.

Career planning in this field includes a strong background in math, science, technical skills, communications skills, and the ability to multi-task.

Education and training can be obtained in high school, technical, two-year, four-year colleges, apprenticeship programs, and career technical schools/institutes.



Sample Career Options

Technical College

Corrections Officer
ER Technician
Firefighter
Law Enforcement
Paralegal
Probation Officer
Court Reporter
Fire Inspector

Four-Year College

Criminal Justice
Lawyer
Park Ranger
Political Science
Sociology
Social Change and Development
Private Detective
FBI Agent

High School Recommendations

Suggested High School Courses

BUSINESS EDUCATION

Keyboarding & Microsoft Courses
Internship
Business Management
Business Law

ART

Intro to Art
Graphic Design

HEALTH CAREERS

AGRICULTURE

Natural Resources
Wildlife Management

WORLD LANGUAGES

CHOIR AND BAND

ENGLISH

Language & Composition
Creative Writing
Technical Reading
Technical Writing

SPEECH COMMUNICATION

Speech Communication
Research & Composition

FAMILY & CONSUMER ED

Family Wellness
Personal Finance
Independent Study - FACE
Family & Consumer Ed Co-op

MATH

Advanced Math
AP Statistics

SCIENCE

Anatomy & Physiology
Biotechnology
Aquatic Ecology

SOCIAL STUDIES

Economics
Geography
Social Problems
Current Problems
Psychology
A. P. European History

PHY ED

Outdoor Adventure
Fit for Life

Suggested Activities

NHS
Student Council
Forensics
Skills USA
Young Democrats
Young Republicans
FFA
FBLA
School Plays

RLASD

ACTIVITIES I ENJOY DOING:

- Enjoying working with their hands
- Enjoying putting things together
- Using hand/power tools
- Visualizing objects from creation to final assembly

PERSONAL QUALITIES:

- Strong leader
- Practical
- Observant
- Physically active
- Coordinated
- Determination



Manufacturing

Careers in Manufacturing include planning, managing, and the processing of materials into intermediate or final products. Its diversity also includes professional and technical support such as production planning, control maintenance and manufacturing/processing engineering.

Career planning in this field includes a strong background in math, science, technical skills, communications skills, and the ability to multi-task.

Education and training can be obtained in high school, technical, two-year, four-year colleges, apprenticeship programs, and career technical schools/institutes.



Sample Career Options

Technical College

Nuclear Technician
Computer Technician
Gunsmith
Machinist
Millwright
Quality Control Tech
Tool and Die Designer
Precision Machining

Four-Year College

Molder
Manufacturing Engineering
Mechanical Engineering
Electrical Engineer
Industrial Engineer
Tool Designer

High School Recommendations

Suggested High School Courses

TECHNOLOGY /ENGINEERING

Intro to Manufacturing
Wood Process Technology
Fundamentals of Machining
Welding One through Four
Intro to Communications
Solid Works—3D Modeling
Ind Study Communications
Applied Engineering

CHOIR AND BAND

WORLD LANGUAGES

SOCIAL STUDIES

Economics
Current Problems

BUSINESS EDUCATION

Keyboarding & Microsoft Off.
Marketing
Business Management
Accounting courses

ART

Advanced Drawing
Graphic Design
2D Independent Study

MATH

Advanced Math
AP Statistics
AP Calculus

SCIENCE

Conceptual Physics Blue/Gold
AP Physics

ENGLISH

Language & Composition
Technical Reading
Technical Writing
Speech Communication
Research & Composition

FAMILY & CONSUMER ED

Creating Spaces
Personal Finance
Independent Study - FACE
Family & Consumer Ed Co-op

PHY ED

Fit for Life

Suggested Activities

NHS
Student Council
Yearbook
Skills USA
FBLA
HMV
FFA
Art Club
Tech Theatre

RLASD

ACTIVITIES I ENJOY DOING:

- Shopping
- Being a leader
- Making displays and promote ideas
- Public speaking
- Giving presentations

PERSONAL QUALITIES:

- Enthusiastic
- Competitive
- Creative
- Self-Motivated
- Persuasive



Marketing, Sales, & Service

Careers in Marketing, Sales, and Service include careers in planning, managing, and performing marketing activities to reach organizational objectives.

Career planning in this field includes a strong background in math, technical skills, communications skills, and the ability to multi-task.

Education and training can be obtained in high school, technical, two-year, four-year colleges, apprenticeship programs, and career technical schools/institutes.



Sample Career Options

Technical College

Food Stylist
Ad Layout Designer
Purchasing Manager
Retail Buyer
Purchasing Agent
Advertising Sales Rep
Auctioneer
Real Estate Broker

Four-Year College

Market Research Analyst
Public Relations Manager
Advertising Accounting Executive
Department Store Manager
Marketing Communication
Merchandising

High School Recommendations

Suggested High School Courses

BUSINESS EDUCATION

Keyboarding & Microsoft Courses
Accounting 1 & 2
College Accounting
Marketing
International Business
Business Management
Business Law

TECHNOLOGY /ENGINEERING

Intro to Communications

SOCIAL STUDIES

Economics
Psychology
World Geography
Social Problems

ENGLISH

Language & Composition
Creative Writing
Technical Reading
Technical Writing
Speech Communication
Research & Composition

MATH

Advanced Math
AP Statistics

WORLD LANGUAGES

CHOIR AND BAND

AGRICULTURE

Plant Systems Pathway
Natural Resources Pathway

ART

Painting-Printmaking
Graphic Design
Advanced Drawing
AP Art

FAMILY/CONSUMER ED

Intro to Foods & Finance
Personal Finance
Independent Study - FACE
Family & Consumer Ed Co-op

PHY ED

Dual & Individual
Outdoor Team Sports
Fit for Life

Suggested Activities

NHS
Student Council
Forensics
Skills USA
FBLA
Yearbook
FFA
Art Club
School Plays

RLASD

ACTIVITIES I ENJOY DOING:

- Seeing how things work
- Exploring new technology
- Experimenting

PERSONAL QUALITIES:

- Detailed orientated
- Inquisitive
- Objective
- Methodical
- Mechanically inclined



Science, Technology, Engineering, & Mathematics

Careers in Science, Technology, Engineering, and Mathematics include the planning, managing, and providing of scientific research in areas such as physical science, social science, and engineering. This diverse field also includes laboratory/testing and research/development services.

Career planning in this field includes a strong background in math, science, technical skills.

Education and training can be obtained in high school, technical, two-year, four-year colleges, apprenticeship programs, and career technical schools/institutes.



Sample Career Options

Technical College

Chemical Technician
Mechanical Drafter
Electronic
Industrial Maintenance
Nano science Tech
Precision Machining

Four-Year College

Aerospace Engineer
Agriculture Engineer
Chemical Engineer
Civil Engineer
Archaeologist
Astronomer
Chemist
Geologist

High School Recommendations

Suggested High School Courses

MATH

Advanced Math
AP Statistics
AP Calculus

SOCIAL STUDIES

Psychology
Economics
Cultural Studies
A.P. European History

ART COURSES

FAMILY & CONSUMER ED

Foods for Teens
Culinary Arts

Personal Finance

CHOIR AND BAND

WORLD LANGUAGES

SCIENCE

Earth and Space Science
Aquatic Ecology
Anatomy & Physiology
Biotechnology
Conceptual Physics Blue
Conceptual Physics Gold
Chemistry
AP Physics
AP Chemistry
AP Biology

TECHNOLOGY/ENGINEERING

Intro to Transportation
Ind. Study Transportation
Intro to Manufacturing

Intro to Communications

Solid Works—3D Modeling
Ind. Study Communications

Applied Engineering

ENGLISH

Language & Composition
Technical Reading
Technical Writing
Speech Communication
Research & Composition

PHY ED CLASSES

BUSINESS CLASSES

AGRICULTURE

Veterinary Science
Natural Resources
Horticulture

Suggested Activities

NHS
Student Council
Forensics
Skills USA
FBLA
Math Team
HMV
FFA

RLASD

ACTIVITIES I ENJOY DOING:

- Traveling
- Solving mechanical problems
- Moving things around
- Designing processes

PERSONAL QUALITIES:

- Detail orientated
- Inquisitive
- Objective
- Methodical
- Mechanically inclined



Transportation, Distribution, and Logistics

Careers in Transportation, Distribution, and Logistics entail the planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water. This also encompasses services such as transportation, infrastructure planning, management, logistics services, mobile equipment and facility maintenance.

Career planning in this field includes a strong background in math, communications, science, and technology.

Education and training can be obtained in high school, technical, two-year, four-year colleges, apprenticeship programs, and career technical schools/institutes.



Sample Career Options

Technical College

Auto Collision
Auto Service Tech
Aviation Maintenance
Diesel Service Tech
Engine Machining Tech
Truck Driver Training
Motorcycle Mechanics
Auto body Tech

Four-Year College

Aerospace Engineer
Mechanical Engineer
Transportation Management
Urban and Regional Planning

High School Recommendations

Suggested High School Courses

TECHNOLOGY/ENGINEERING

Intro to Transportation
Power Mechanics
Automotive ABC's
Ind. Study Transportation
Intro to Communications
Solid Works—3D Modeling
Ind. Study Communications

AGRICULTURE

Natural Resources Pathway
Plant Systems Pathway

SOCIAL STUDIES

Cultural Studies/Geography
Economics

WORLD LANGUAGES

MATH

Advanced Math
AP Statistics
AP Calculus

ENGLISH

Language & Composition
Technical Reading
Technical Writing
Speech Communication

HEALTH CAREERS

BAND AND CHOIR

PHYSICAL EDUCATION

Dual & Individual
Fit for Life

BUSINESS ED

Microsoft Courses
Business Management
Accounting Courses
Marketing

BUSINESS LAW

Graphic Design

SCIENCE

Aquatic Ecology
Conceptual Physics Blue
Conceptual Physics Gold
Chemistry
AP Physics

FAMILY & CONSUMER ED

Personal Finance

Suggested Activities

NHS
Student Council
Forensics
Skills USA
FBLA
Yearbook
FFA
Art Club