



Description of Pathways & Examples of Possible (Broad) Project Topics



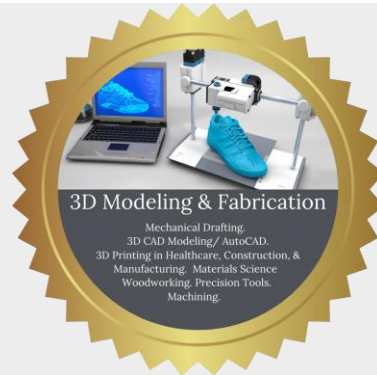
Entrepreneurship, Innovation, & Finance



Humanities Research & Studies



Music, Theater, & Sound



3D Modeling & Fabrication



Recreational Tourism & Outdoor Leadership

A Student Project in this Pathway Might Focus on:

- Scalable Business Start-up
- Small Business Design
- Large Business Design
- Intrapreneurship Social Entrepreneurship
- Bookkeeping, Accounting, & Taxation Marketing & Sales
- Manufacturing & Distribution
- Financial Markets
- Product, Web, App Design*
- Fintech, Edtech, Biotech, Agritech, Medtech, etc.

A Student Project in this Pathway Might Focus on:

- Literature
- Anthropology
- Psychology & Abnormal Psychology
- Criminology
- Sociology
- US History & World History
- Law & Justice
- Government & Politics
- Domestic & Foreign Policy
- Macro & Microeconomics
- Education
- Philosophy
- Religion
- Language & Cultural Studies
- Archaeology
- Geography/ Cartography
- Ethics

A Student Project in this Pathway Might Focus on:

- Instrumentals:
- Strings, Woodwind
- Percussion, Keyboard
- Brass
- Dance
- Voice, Songwriting, Composition
- Recording
- Sound Engineering
- AI-Generated Music
- Music/Entertainment Industry
- Entrepreneurship *
- Musical Theater
- Theater Tech, Stage Design
- Costume Design*
- Lighting, Sound
- Acting, Directing

A Student Project in this Pathway Might Focus on:

- Mechanical Drafting
- 3D CAD Modeling/ AutoCAD
- 3D Printing in Healthcare
- 3D Printing in Construction
- 3D Printing in Manufacturing
- Construction
- CNC Laser Cutting
- Engraving
- Carpentry
- Woodworking
- Precision Tools/ Power Tools
- Materials Science
- Product Design*
- Toy & Game Design*
- Industrial Design
- Green Design

A Student Project in this Pathway Might Focus on:

- Adventure Tourism
- Ecotourism
- Cultural Tourism
- Guiding
- DNR, Conservation, & Protection
- Sports Tourism
- Wellness Tourism
- Beach and Coastal Tourism
- Expeditionary Programming
- Rangers, Search & Rescue, Other
- Nature-based Tourism
- Rural Tourism
- Program/ Camp Administration
- Specific activities: Climbing, Hiking, Camping, Paddling, etc.



Description of Pathways & Examples of Possible (Broad) Project Topics



Sports Industry

Event Management, Facilities Management, Athletic Administration, Sports Marketing, Sports Media, Sports Sponsorship and Sales, Sports Psychology, Sports Law & Governance, & Other.

Sports Industry

A Student Project in this Pathway Might Focus on:

Program Development
Event Management
Club/ Team/ Facilities Management
Athletic Administration
Sports Marketing
Sports Media
Athletic Recruiting & Management
Sports Sponsorship and Sales
Sports Psychology
Sports Law & Governance
Other: Coaching, Training, Nutrition



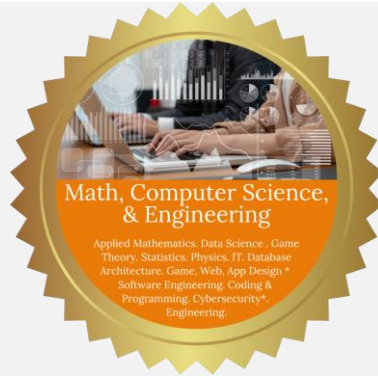
Robotics & Futuristic Tech

Mechanical Engineering, Electrical Engineering, Computer Science, Software Engineering, Human-computer interaction, Natural language processing, Machine Learning, Soft Robotics, Driverless Cars, Surgical robots, E-commerce Robots, Safety & Security Robots

Robotics & Futuristic Tech

A Student Project in this Pathway Might Focus on:

Mechanical Engineering
Electrical Engineering
Computer Science
Software Engineering
Human-computer interaction
Natural language processing
Machine learning
Soft robotics
Driverless cars
Surgical robots
E-commerce robots
Safety & security robots



Math, Computer Science, & Engineering

Applied Mathematics, Data Science, Game Theory, Statistics, Physics IT, Database Architecture, Game, Web, App Design, Software Engineering, Coding & Programming, Cybersecurity*, Engineering

Math, Computer Science, & Engineering

A Student Project in this Pathway Might Focus on:

Applied Mathematics
Data Science
Game Theory
Statistics
Physics
Database Architecture & Admin*
Game, web, app design *
Software Engineering
Coding & Programming
Cybersecurity*
Information Technology *
Wearable Technology
Mechanical engineering
Electrical engineering
Civil engineering
Biochemical engineering*



Art, Design, & Media

Fine Arts (Drawing, Painting, Sculpture, Printmaking, Crafts), Digital Arts, AI-Assisted Arts, Game Design, Product Design, Fashion Design, Writing, Publishing, Filmmaking, & Related.

Art, Design, & Media

A Student Project in this Pathway Might Focus on:

Drawing & Painting
Printmaking
Sculpture
Crafts
Photography
Illustration/ Digital Illustration
AI Generated Art, Writing, & Media
Digital Arts
Graphic Design
Product Design*
Game Design*
Animation
Filmmaking
Screenwriting
Playwriting
Fashion Design
Journalism
Creative Writing
Marketing
Publishing (Childrens, YA, Fiction, Nonfiction)
Creative Entrepreneurship*



STEM Research & Studies

Biology, Ecology, Geology, Botany, Zoology, Chemistry, Biotechnology, Pharmacology, Medicine, Epidemiology, Meteorology, Space Science, Oceanography, Renewable Energy, Environmental Science, Agriculture, & Related.

STEM Research & Studies

A Student Project in this Pathway Might Focus on:

Geology
Ecology
Biology
Marine Biology
Microbiology
Zoology
Botany
Anatomy & Physiology
Biochemical Engineering*
Chemistry
Biotechnology
Pharmacology
Medicine
Epidemiology
Meteorology
Astronomy
Space Science
Oceanography
Renewable Energy
Environmental Science
Natural Resource Management
Agriculture
Food Science