

Math Expeditions Career Connections

Big City Growth

Career Connections:

Mayors, Scientists, Sociologists, School Superintendents, Transportation Directors, City Planners

Building with Patterns

Career Connections:

Mechanical Engineer, Production Supervisor, Logistic Specialist, Accountant, Sales Specialist, Chief Operating Officer

Built to Last

Career Connections:

Civil Engineer, Computer Programmer, Architect, Statistician, Accountant

Bungee Plunge

Career Connections:

Mechanical Engineers, Materials Scientists, Physicists, Polymer Chemists, Applied Mathematicians, Sports Scientists

Classroom Dragsters

Career Connections:

Automobile and Aerospace Designers and Engineers, Race Car Drivers, Mechanics and Service Technicians, Physicists, Automobile Damage Appraisers, Competition Referees

Coaster Motion

Career Connections:

Mechanical Engineer, Civil Engineer

Electropop Rally

Career Connections:

Electrical Engineers, Computer Engineers, Electricians, Insurance Claims Investigators, HVAC Installers

Extreme Slopes

Career Connections:

Civil Engineer, Computer Programmer, Architect, Statistician, Hydrologic Engineer

Graphic Racing

Career Connections:

Automobile Designers and Engineers, Race Car Drivers, Mechanics and Service Technicians, Physicists, Forensic Scientists, Automobile Damage Appraisers

Inventor's Workshop

Career Connections:

Product Designers, Accountants, Inventors, Engineers, Marketing Coordinators, Technical Writers, Sales Agents, Entrepreneurs, Small-Business Owners

Package Delivery

Career Connections:

Packaging Engineer, Marketing Coordinator, Warehouse Picker/Packer, Store Manager, Recycling Engineer, Materials Tester, Model Builder, Chemist

Projectile Isle

Career Connections:

Aerospace Engineers, Computer Software and Game Programmers, Statisticians, Civil Engineers, Military Personnel

Pulley Power

Career Connections:

Mechanical Engineers, Construction Workers, Movers, Crane Operators, Roofers, Sailors, Rock Climbers, Elevator Consultants, and Mechanics

Rocket Explorer

Career Connections:

Aerospace Engineering, Scientist, Researcher, Statistician, Quality/Reliability Assurance, Actuary, Insurance Agent

Running Well Thief

Career Connections:

Police Officer, Criminal Investigator, Crime Lab Specialist

Solar Power

Career Connections:

Electrical Engineer, Materials Scientist, Mechanical Engineer, Industrial Engineer, Electrical Repair, Atmospheric Scientist, Civil Engineer, Electrician

The Art of Coaching

Career Connections:

Coaches, Game Designers, Psychologists, Athletes, Performers

Tractor Pull

Career Connections:

Mechanical Engineer, Farmer, Cyclist, Service Technician, Mechanic, Robot Designer, Data Scientist

Tuned in to Exponents

Career Connections:

Musical Instrument Developers, Musicians, Sound Engineers, Radio Frequency Engineers, Physicists, Electric and Electronic Engineers

Water Inequality

Career Connections:

Environmental Scientists, Water Quality Analysts, Wastewater Treatment Engineers, Chemists, Water Pollution Scientists

STEM Expeditions Career Connections

Ahead of the Game

Career Connections:

Athletic Trainers, Athletes and Sports Competitors, Medical Scientists, Mechanical Engineers

Beyond Earth

Career Connections:

Aerospace Engineers, Environmental Protection Specialists, HVAC Technicians, Farmers/Ranchers, Electricians, Mechanical Engineers

Bio Research

Career Connections:

Medical Scientists, Genetic Counselors, Farmers/Ranchers, Sales Managers, Food Scientists, Forensic Science Technicians

Building Bridges

Career Connections:

Civil Engineers, Construction Workers, Architects, Contractors

Communication

Career Connections:

Broadcast and Sound Engineering Technicians, Electrical and Electronics Engineers, Telecommunication Equipment Installers and Repairers, Electrical and Electronics Engineering Technicians, Line Installers and Repairers, Computer Network Architects

Contraptions

Career Connections:

Mechanical Engineers, Construction Workers, Tool Fabricators, Playground Engineers, Kinesiologists, Automotive Designers

Creative Composites

Career Connections:

Materials Engineers, Industrial Engineering Technicians, Chemists and Materials Scientists, Chemical Technicians, Woodworkers, Metal and Plastic Machine Workers

Cultivating Our Future

Career Connections:

Urban Planners, Farmers/Ranchers, Genetic Engineers, Biologists, Veterinarians, Florists

Design Time

Career Connections:

Mechanical Engineers, Construction Workers, Tool Fabricators, Playground Engineers, Kinesiologists, Automotive Designers

Dragster Design

Career Connections:

Mechanical Engineers, Mechanical Engineering Technicians, Automotive Service Technicians and Mechanics, Electromechanical Technicians

Electric Tech

Career Connections:

Electricians, Electrical Engineers, Circuit Design Engineers, Electrical Drafters, Electromechanical Technicians

Engineering Rockets

Career Connections:

Aerodynamic Engineers, Propulsion Engineers, Rocket Scientists, Technologists, Physicists

Everyday Electricity

Career Connections:

Electrical and Electronics Engineers, Electrical and Electronics Technicians, Electricians, Construction Laborers and Helpers, Construction and Building Inspectors

Flight Dynamics

Career Connections:

Mechanical Engineers, Aerospace Engineers, Pilots, Aircraft and Avionics Equipment Mechanics and Technicians

Fueling the Future

Career Connections:

Small Engine Mechanics, Automotive Service Technicians and Mechanics, Architects, Solar Photovoltaic Installers, Wind Turbine Technicians, Heating/Air Conditioning/Refrigeration Mechanics and Installers, Mechanical Engineers, Electrical Engineers

Future Footprints

Career Connections:

Environmental Engineering Technicians, Actors, Environmental Engineers, Health and Safety Engineers, Mining and Geological Engineers, Environmental Science and Protection Technicians

Innovating Solutions

Career Connections:

Engineers, Technicians and Technologists, Inventors, Systems Developers, Maintenance Mechanics, Project Managers

Looks Like Rain

Career Connections:

Meteorologists, Hydrologists, Farmers/Ranchers, Agricultural Managers, Grounds Maintenance Specialists

Making Waves

Career Connections:

Musicians, Music Directors, Composers, Music Producers, Sound Engineers, Sound Technicians

Mining Mechanics

Career Connections:

Geoscientists, Mining and Geological Engineers, Heavy Vehicle Technicians, Material Moving Machine Operators, Geological Technicians

Optical Solutions

Career Connections:

Optometrists, Ophthalmologists, Photographers, Optical Engineers, Photonics Researchers, Astronomers

Projecting Light

Career Connections:

Audio-Visual Production Specialists, Lighting Engineers, Audio Engineers, Graphic Artists, Visual Effects Artists, Astronomers, Laser Designers, Optical Scientists

Rolling Robots

Career Connections:

Mechanical Engineers, Mechanical Engineering Technicians, Automotive Service Technicians and Mechanics, Electromechanical Technicians

Safe Food

Career Connections:

Police Officer, Criminal Investigator, Crime Lab Specialist

Thermal Physics

Career Connections:

Industrial Designers, Industrial Engineers, Assemblers and Fabricators, Logisticians, Quality Control Inspectors

Tower Power

Career Connections:

Civil Engineers, Construction Workers, Architects, Contractors

Transportation Stations

Career Connections:

Mechanical Engineers, Aerospace Engineers, Logisticians, Truck Drivers, Railroad Occupations, Material Moving Machine Operators, Pilots, Bus Drivers

Urban Wind Farm

Career Connections:

Mechanical Engineers, Electrical Engineers, Electricians, Accountants, Scientists, Entrepreneurs