



DISCOVER in EPS



DEFINING EXCELLENCE





For *each and every student* to
DISCOVER their possibilities
and thrive





EDINA PUBLIC SCHOOLS

is a *dynamic* learning community
delivering educational *excellence*
and preparing all students to
realize their full potential





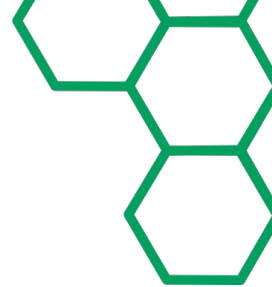
Our **MISSION**

Through academics, activities, and opportunities, we encourage creativity, foster curiosity, and develop critical thinking skills.

We support every student's educational journey by creating a caring and inclusive school culture that supports the whole student.



Edina Strategic Initiatives



Strategy A: Advance Academic Excellence, Growth and Readiness

1. Provide a coherent and differentiated educational experience that effectively engages, and appropriately challenges every student academically.

Strategy B: Ensure an Equitable and Inclusive School Culture

2. Create a school culture that enhances learning and fosters a sense of belonging for all students through our values of Integrity, Compassion, Courage, Commitment, Appreciation and Responsibility.



Edina Strategic Initiatives



Strategy C: Foster Positive Learning Environment and Whole Student Support

4. Create environments that are conducive to learning and facilitate constructive student interaction.

Strategy D: Develop Leadership Throughout the District

5. Provide strategy and direction for predicted enrollment and demographic trends while retaining current students.

Strategy E: Engage Parents, Schools and Community

1. Provide engagement opportunities and information about Edina Public Schools to the community so that all community members feel connected and know how to contribute to our collective success.



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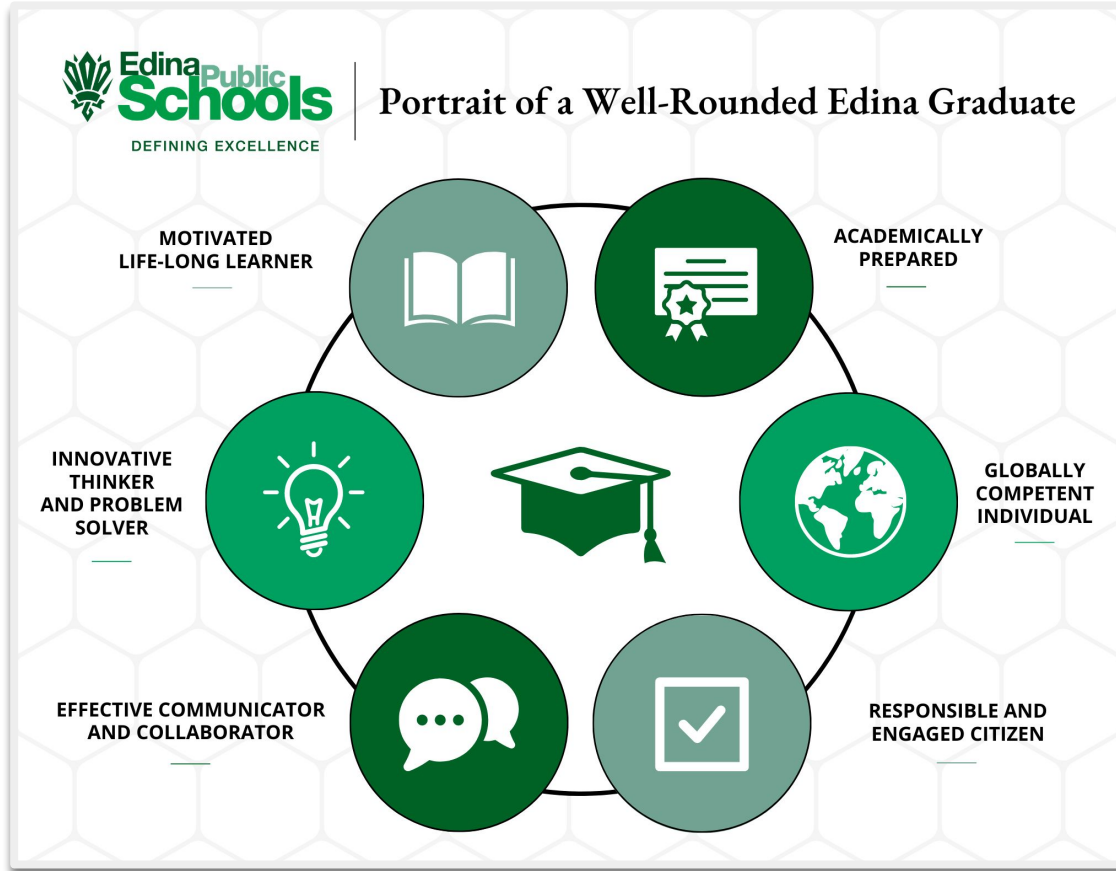
**Vision, Purpose, &
DISCOVER Defined**



Vision



Portrait of a Well-Rounded Edina Graduate





Vision 2030

Every Edina High School graduate has had the **opportunity** to explore career options through:

Sequence of Coursework + Career Experience + Credentialing





DISCOVER

is designed to engage students by offering specialized, career-focused or interest-based education that align with their future goals, whether that be college, or entering the workforce or both.

DISCOVER aims to make education more meaningful, exciting, and engaging, helping students build skills for the next phase of their lives while staying motivated during high school.





2022 MN Student Survey: Student Voice *Relevance*

Protective Factors	Statewide	Metro	Rural	Edina
Safe neighborhood	95.3	95.6	95.0	97.34%
Safe at school	87.5	87.9	87.0	92.29%
Safe at home	97.2	97.4	96.9	97.51%
Positive student teacher relationships	85.0	86.7	83.1	90.45%
Social emotional health	80.5	83.7	76.8	89.28%
Engaged in studies	83.4	85.5	81.0	89.82%
Empowered by self of others	69.9	71.8	67.2	77.68%
Identity and control over future	64.2	65.4	62.8	70.85%
Adults care about them	31.4	32.9	29.7	42.1%
Had an adult at school help them think about their education options after high school	65.2	64.8	65.7	60.58%



2024 EHS Panorama Results *Relevance*

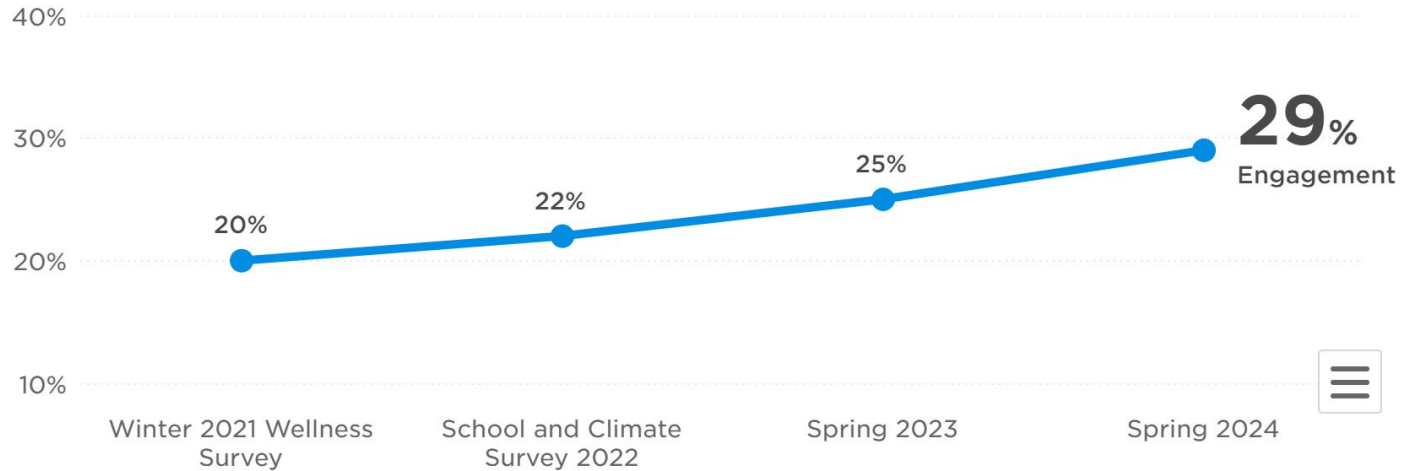
Engagement

Based on **1,069** responses

How attentive and invested students are in class.

How have results changed over time?

Percent Favorable



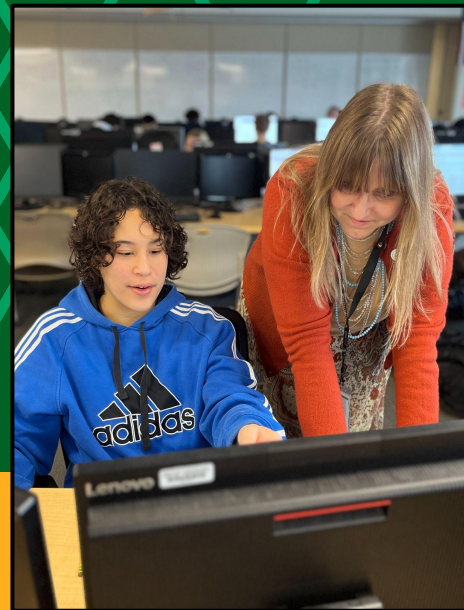
Exploring Possibilities Innovation Lab





DISCOVER

1. **Defining Interests:** Helping students identify their passions and strengths
2. **Shaping Careers:** Providing students with opportunities to explore and engage in potential career paths
3. **Opening Vistas:** Exposing students to new possibilities, opportunities, mentors and networks
4. **Empowering Resilience:** Building skills to overcome challenges, adapt to change and support the whole student





**Aviation &
Aeronautics**

Finance

**Health
Sciences**

**More to
Come...**

DISCOVER *Launch*



DISCOVER *Layered System*

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Transition

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**Defining
Interests**

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**Opening
Vistas**

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**Empowering
Resilience &
Shaping Careers**





Sequence of Coursework



Aviation & Aeronautics

DISCOVER Aviation & Aeronautics introduces students to aviation and aerospace industries through *authentic* and *integrated* learning experiences.



STEM FOUNDATIONS

- Physics*
 - Flight, aerodynamics, force
- Mathematics*
 - Algebra, geometry, calculus
- Computer Science*
 - Coding, simulators
- Engineering Fundamentals*
 - Mechanical, electrical, aerospace

**Current learning offered at EHS*





FLIGHT SPECIFIC TRAINING

- Principles of Flight*
- Navigation & Meteorology
- Aviation Safety & Regulations
- Aircraft Systems
- Flight Training
- Ground School

**Current learning offered at EHS*



TECHNICAL SKILLS

- Mechanics & Maintenance
- Electronics & Avionics
- Automation & Robotics





INDUSTRY EXPOSURE

- Flight Simulation
- Private Pilot Flight Training Hours
- Airport Internships: Ground Crew Activities or air traffic control
- Drone Simulations and/or Repair
- Volunteering at Aviation events or museums





CAREER POSSIBILITIES

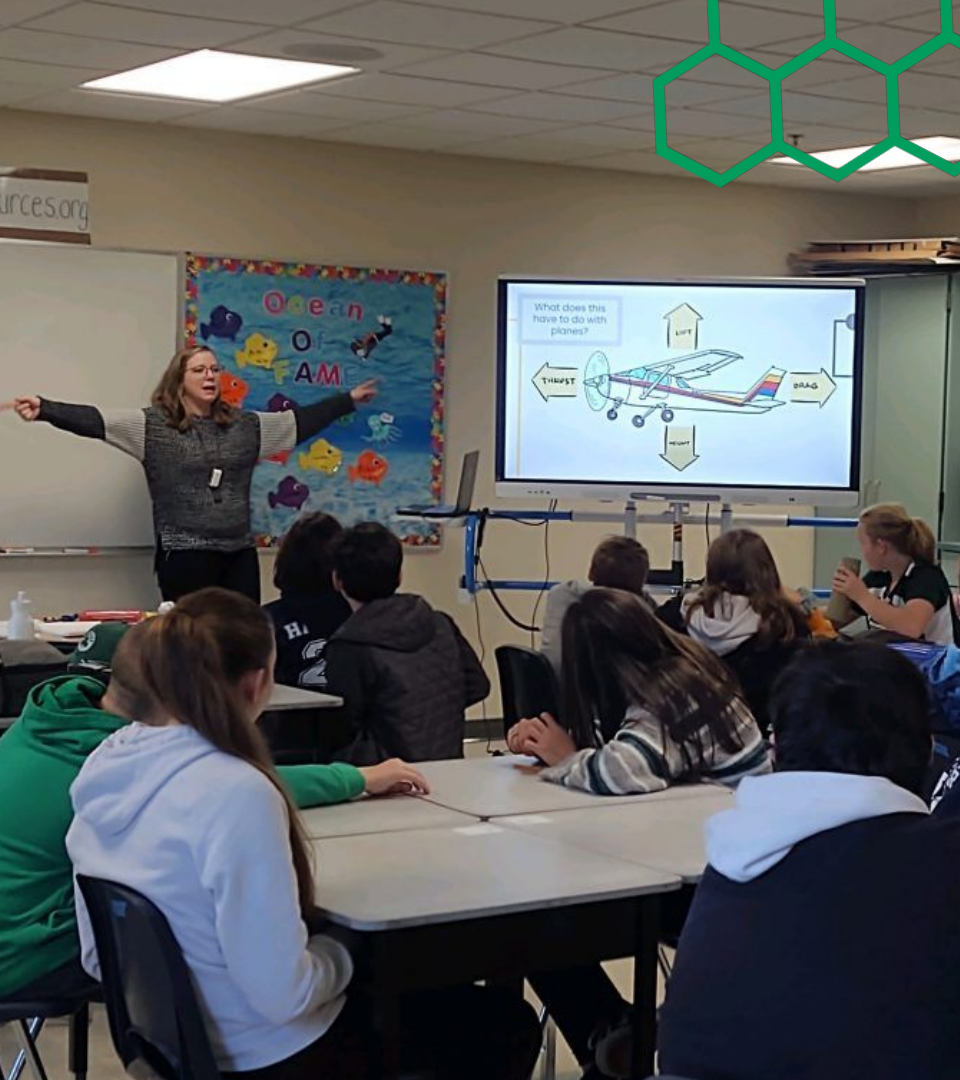
- Private Pilot
- Air Traffic Control Specialists and Controllers
- Aircraft Mechanic
- Aircraft Dispatch
- Avionics (Air Carrier and General Aviation)
- Aerospace Engineering
- Mechanical Engineering
- Systems Engineering
- Drone (UAS) Operator





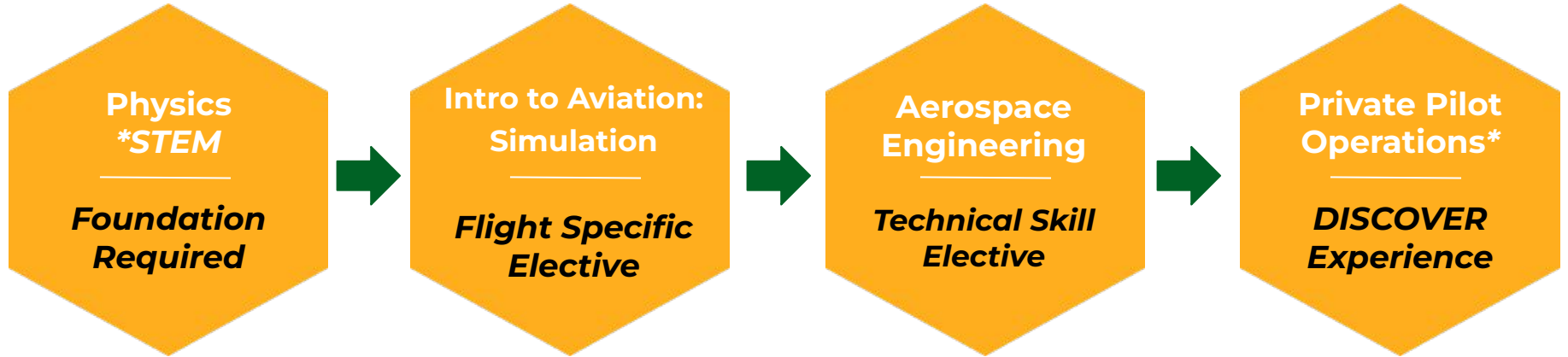
FOUNDATIONAL CLASSES currently at EHS

- Intro to Engineering
- Principles of Engineering
- Aerospace Engineering
- Digital Electronics
- Physical Earth Science
- Physics Sequence
- Algebra
- Geometry
- Calculus





DISCOVER *Aviation and Aeronautics*



DISCOVER Aviation and Aeronautics sample student experience



Finance

DISCOVER Finance opportunities introduce students to finance and business industries through the following *authentic* and *integrated* learning experiences:



FINANCE

CORE ACADEMICS

- Personal Finance*
- Economics*
- Statistics*

****All courses currently offered at EHS***





FINANCE

FINANCE SPECIFIC LEARNING

- Accounting
- Business Math
- Investments and Securities
- Entrepreneurship and Business Planning *

****All courses currently offered at EHS***





FINANCE

TECHNICAL SKILLS

- Data Analysis
- Budgeting
- Risk Management
- Tax Planning and Management
- Financial Reporting
- Financial Software Proficiency





INDUSTRY EXPOSURE

- DECA*
- Investment Simulations
- Shark Tank*
- School-Based Enterprises*
- Finance Field Internships
- Investment Clubs*

**All learning currently offered at EHS*





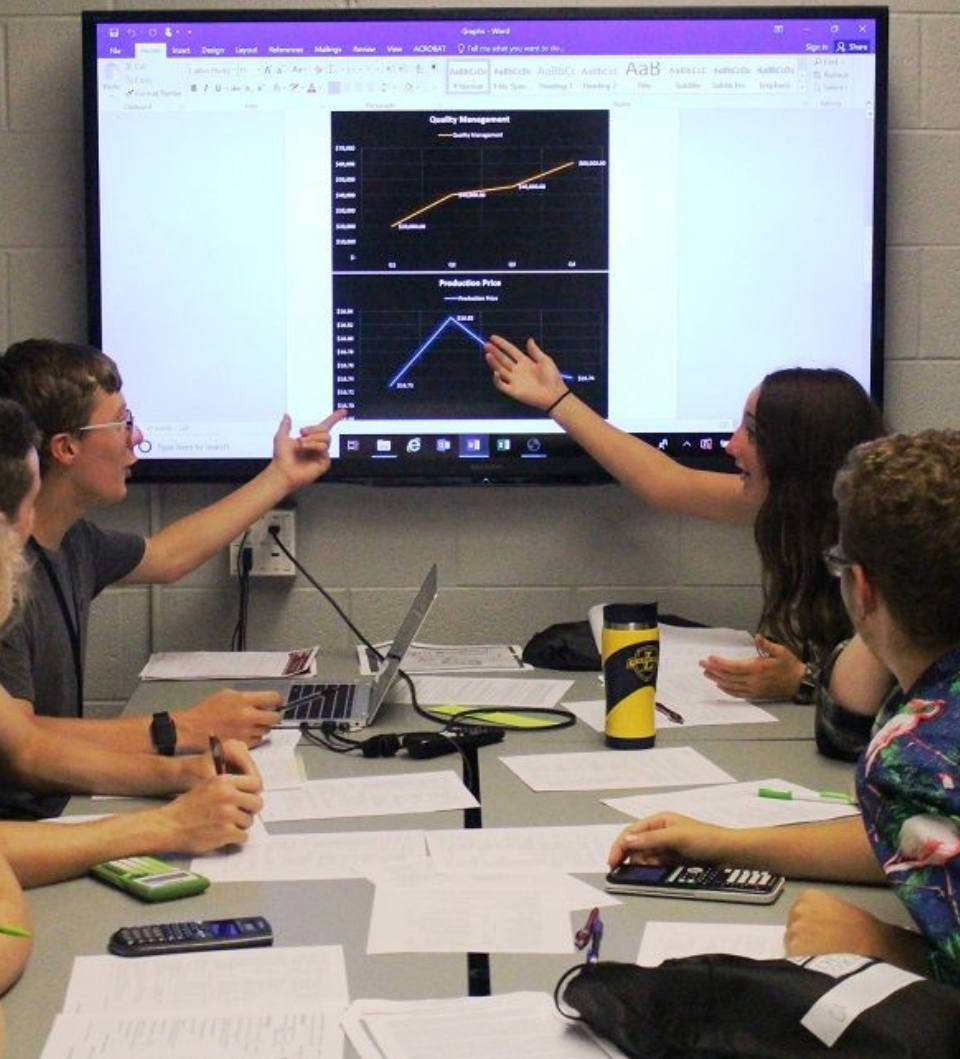
CAREER POSSIBILITIES

- Financial Analyst
- Investment Banker/Manager
- Securities, Commodities, and Financial Services Sales Agent
- Accountant
- Foreign Exchange Trader
- Personal Financial Planner/Advisor
- Personal Banker
- Chief Financial Officer
- Financial Software Developer





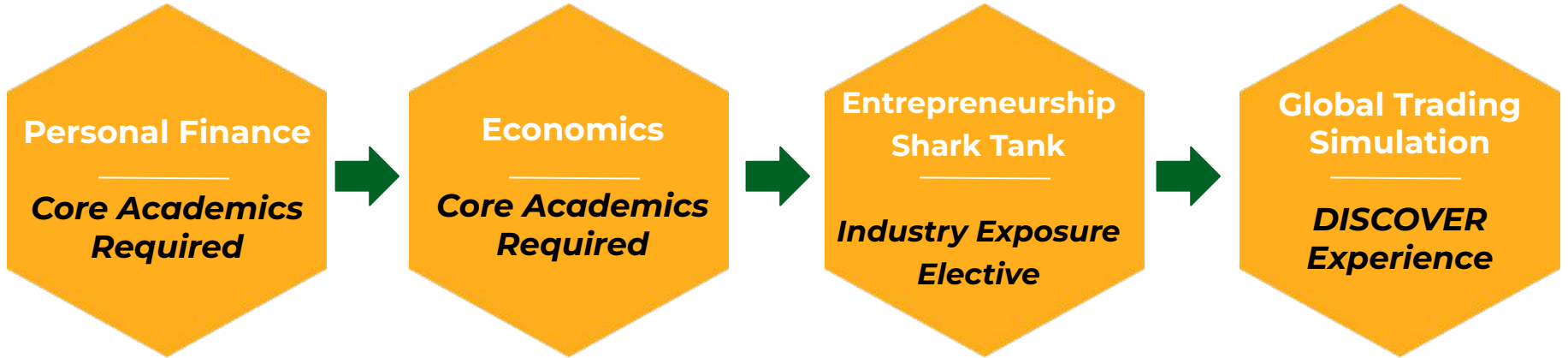
FOUNDATIONAL CLASSES currently at EHS



- Marketing with DECA
- Advance Marketing with DECA
- Entrepreneurship
- Personal Finance
- Economics
- AP Economics
- AP Statistics
- Discrete Math Concepts
- Discrete Math Applications
- Investing 101: Stocks, Bonds, and Mutual Funds (EVP)



DISCOVER *Finance*



DISCOVER Finance sample student experience



Health Sciences

DISCOVER Health Sciences opportunities introduce students to health and healthcare industries through the following *authentic* and *integrated* learning experiences:



ACADEMIC FOUNDATIONS

- Biology and Life Sciences*
 - Anatomy, physiology, genetics, microbiology, biochemistry
- Chemistry*
- Mathematics*
 - Algebra, statistics, calculus
- Health Science Terminology

**All courses currently offered at EHS*





HEALTH
SCIENCES

HEALTH SPECIFIC LEARNING

- First Aid and CPR Certification
- Clinical Skills
- Laboratory Techniques
- Ethics in Healthcare
- Psychology and Sociology*

****All courses currently offered at EHS***





TECHNICAL SKILLS

- Health Informatics
- Medical Equipment
- Basic Coding & Data Analysis*

**All courses currently offered at EHS*





INDUSTRY EXPOSURE

- Sports Medicine Club
- Participation in Athletics*
- First Aid and CPR training
- Job Shadowing with Edina Fire Department
- Internship at Fairview Southdale

**Experiences currently available at EHS*





CAREER POSSIBILITIES

- Physician
- Physician Assistant
- Emergency Medical Technician
- Healthcare Administration
- Clinical Research Coordinator
- Public Health Specialists
- Occupational Therapist
- Athletic Trainer
- Physical Therapist
- Nurse
- Surgeon





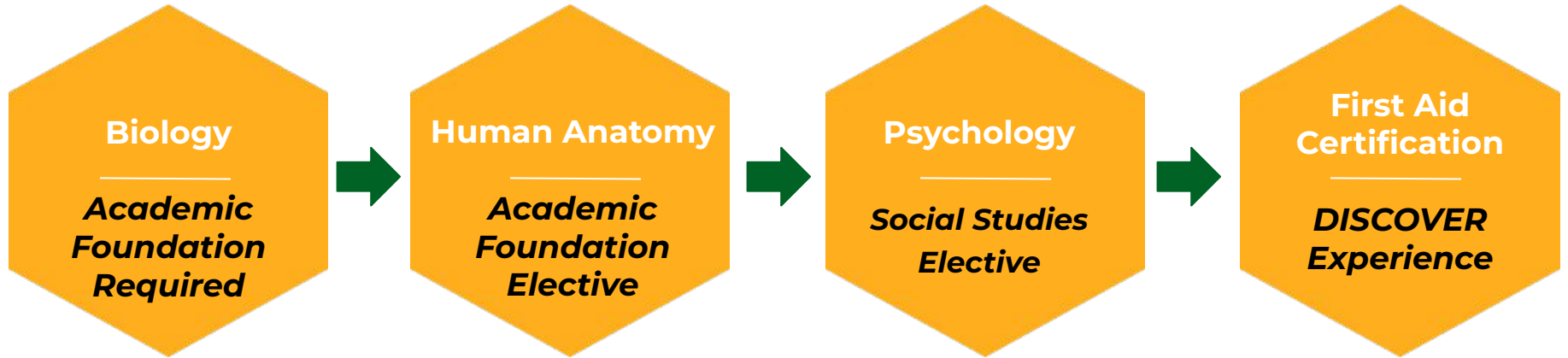
FOUNDATIONAL CLASSES currently at EHS

- Chemistry (Enriched and AP)
- Biology (Enriched and AP)
- Comparative Anatomy
- Forensics
- Human Anatomy
- Organic Chemistry
- Psychology
- Personal Fitness Trainer Certification (EVP)





DISCOVER *Health Sciences*



DISCOVER Health Services sample student experience



**DISCOVER
18-22
Unified Transition**



Transition Programming

- Hands on learning takes place within the community where students live
- Students have opportunities to volunteer, job shadow and get paid work experiences
- Maximize student's capacity to live as independently as possible

EXAMPLE: When eligible, students have access to Project SEARCH at Fairview Southdale Hospital



Transition Programming



- Focus on independent living skills, employment readiness, and community integration
- Partnership between education, vocational services, and community organizations
- Career exploration and job sampling



Credentialing



Micro-credentialing

Aviation: Aviation Safety, Aviation Weather, Drone Operation Basics

Health Sciences: Basic Vital Signs, Infection Control, Medical Terminology Basics

Finance: Personal Budgeting, Investment Basics, Tax Prep Fundamentals



Credentialing

Aviation (Pilot): FAA written knowledge exam, Practical flight test, Medical exam

Health Sciences (EMT): First Aid & CPR, EMT, passing cognitive / psychomotor exams

Finance (Financial Literacy or Entrepreneurship): Financial Literacy Certification, ie. National Financial Educators Council, Entrepreneurship and Small Business (ESB) certification



Credentialing

Aviation & Aeronautics

- Aviation Safety
- Aviation Weather
- Drone Operation Basics
- FAA written knowledge exam
- Practical flight test
- Medical exam

Finance

- Personal Budgeting
- Investment Basics
- Tax Prep Fundamentals
- Financial Literacy Certification
- Entrepreneurship and Small Business (ESB) certification

Health Sciences

- Basic Vital Signs
- Infection Control
- Medical Terminology Basics
- First Aid and CPR certifications
- EMT certifications



Guest Speakers

Chief Slama

Vlad Griskevicius

Jarod Olson





Guest speaker questions

1. Introduce yourself, name, position and background related to the DISCOVER area
2. What are some experiences that you and your organization could provide our students in DISCOVER that align with coursework, career experiences, and credentialing?
3. In what ways does DISCOVER align with what you know about the job demand in your industry?

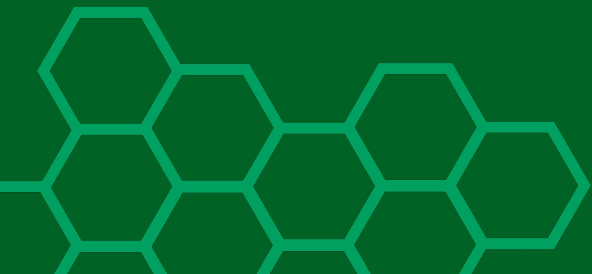


DISCOVER *Next Steps*

1. Develop curriculum details and resource requirements for each DISCOVER option
2. Establish necessary partnerships with local businesses and higher education institutions
3. To fully realize this vision, adequate and appropriate learning spaces are essential - spaces that mirror real-world environments and support the hands-on, specialized instruction these learning experiences require. As such, we will assess and plan for space requirements, including potential new construction needs and/or renovation of existing spaces
4. Develop a timeline for program implementation
5. Create a strategy for student recruitment and selection
6. Design an evaluation process to measure program effectiveness and student outcomes



Thank you!
Edina Public Schools





QUESTIONS?

Edina Public Schools

