

# HANOVER HIGH SCHOOL INNOVATION TEAM UPDATE

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School Committee Meeting  
February 15



# INNOVATION TEAM UPDATE

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- RELEVANCE, PASSION, INTEREST

A more diversified educational experience that capitalizes on teacher expertise and provides greater student choice



# INNOVATION TEAM

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- Matt Paquette
- Christine Fay
- Michael Wade
- Jan Curley
- Stacey Pereira
- Jake Plummer
- Mike Oates
- Russ Wilson
- Dan Birolini
- Debbie St. Ives
- Matt Plummer
- Anna Hughes
- Matt Ferron
- Hugh Galligan
- Katherine McHenry
- Sue McHugh
- Sheila Walsh
- Andrew Mahoney



## SELF STUDY

Initial exercises proved that we already do quite a lot in the area of innovation.



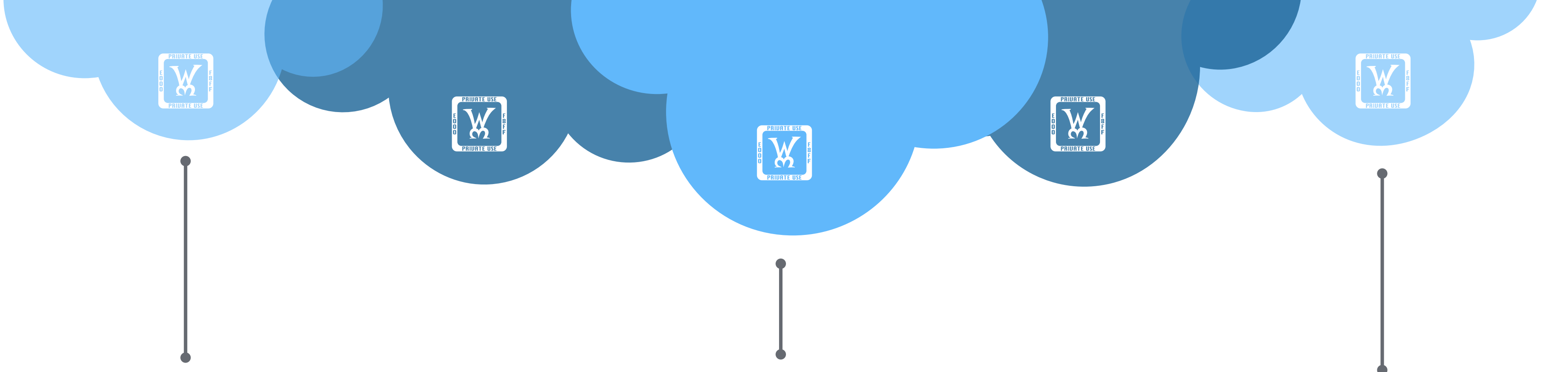
## SITE VISITS

We visited two schools with innovative programs.



## VISIONING

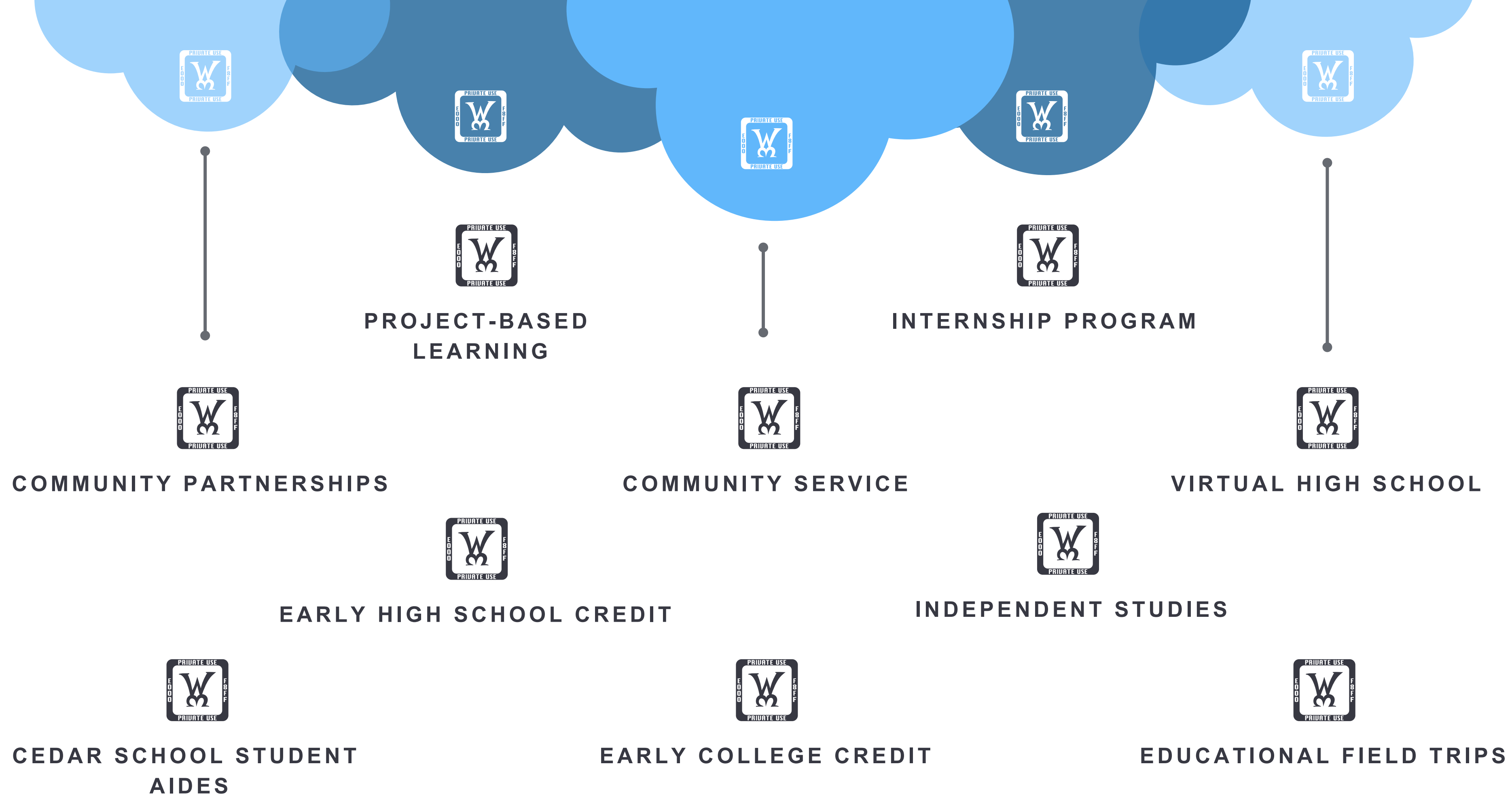
Provide a world class educational experience for Hanover students.

The header features a row of five overlapping blue clouds in various shades. Each cloud contains a white square logo with a stylized 'W' and the text 'PRIVATE USE' on the top and bottom edges. Three vertical lines with dots at the top and bottom connect the first, third, and fifth clouds to the text area below.

Our initial work included many meetings where we  
shared and discussed  
experiences and research, including:  
articles, books, student interviews and videos.

We found that HHS is already providing innovative  
experiences that align with our vision.





HANOVER HIGH SCHOOL

# ACADEMY MODEL HIGH SCHOOL

## Skills at the center of the curriculum

- COMMUNICATION
- READING
- TECHNOLOGY
- COLLABORATION
- RESEARCH
- PROBLEM SOLVING

## Academies



BUSINESS & ENTREPRENEURIAL



FINE & PERFORMING ARTS



GLOBAL LANGUAGES



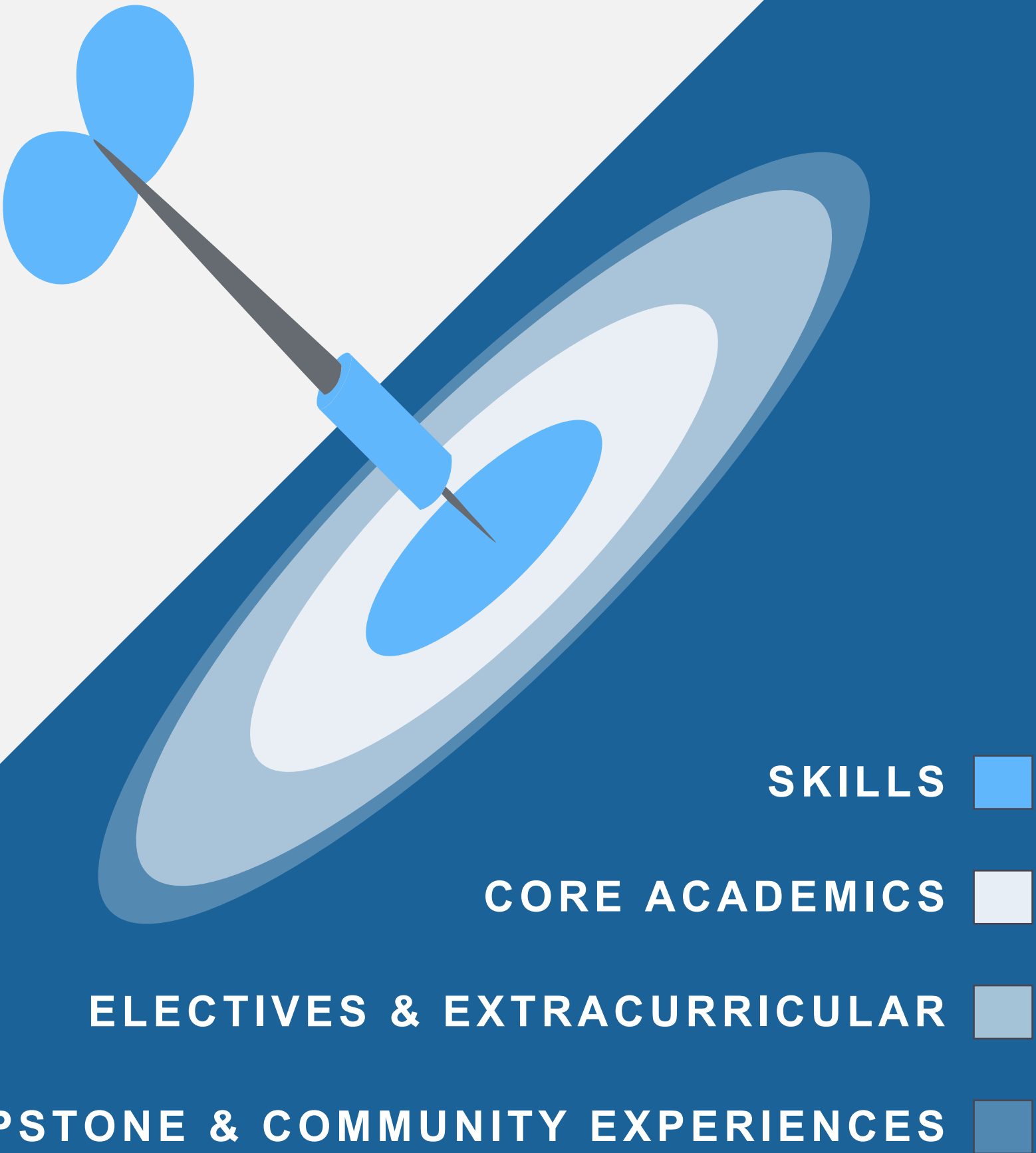
HUMANITIES



CORE ACADEMICS



MATH & SCIENCE





# INNOVATION SCHOOLS

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BUSINESS, FINANCE, &  
ENTREPRENEURSHIP

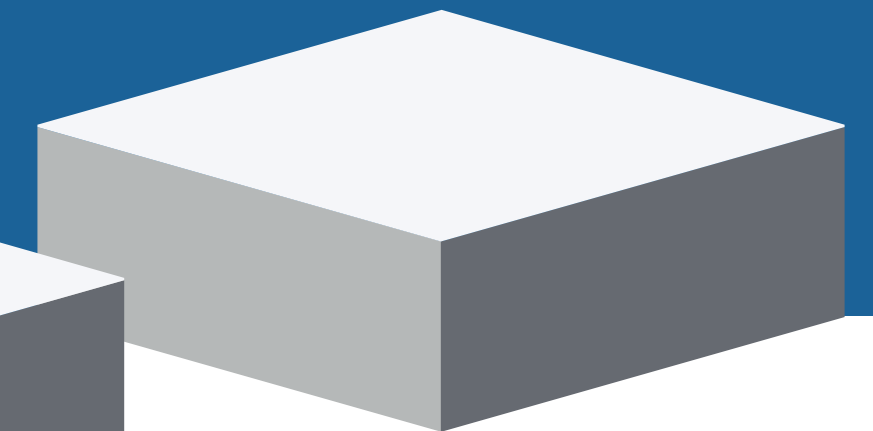
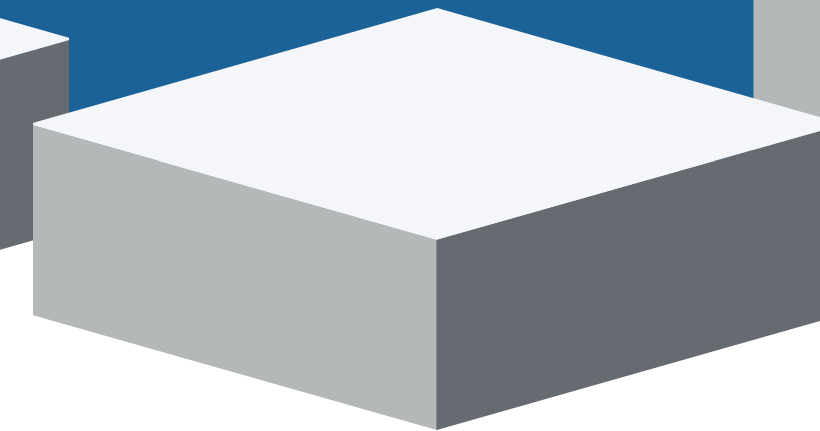
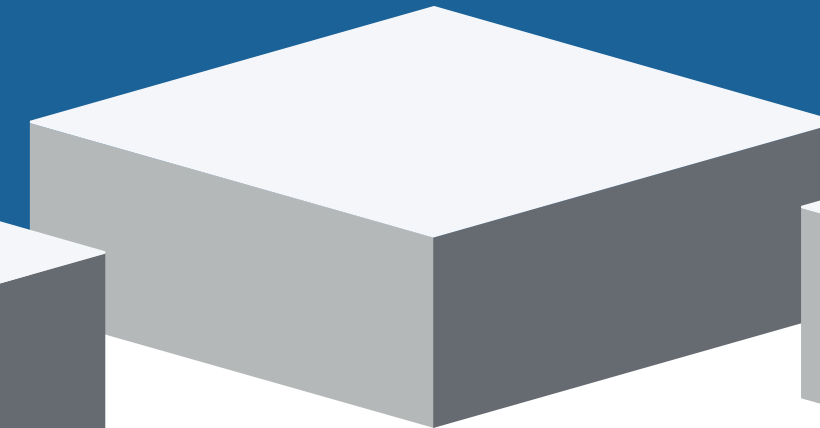
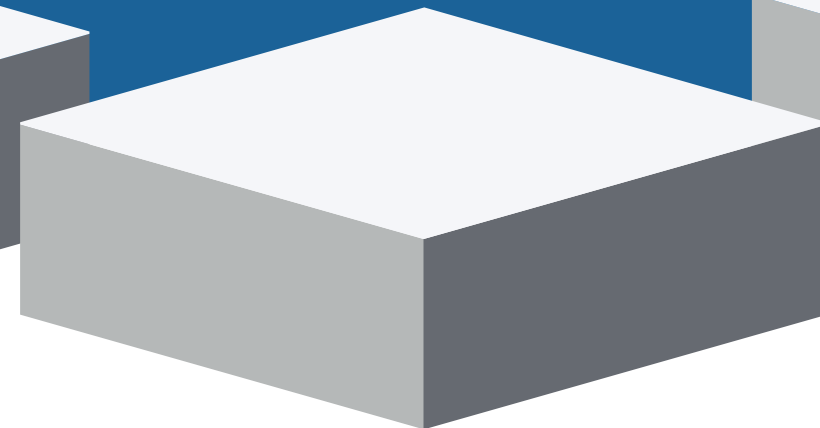
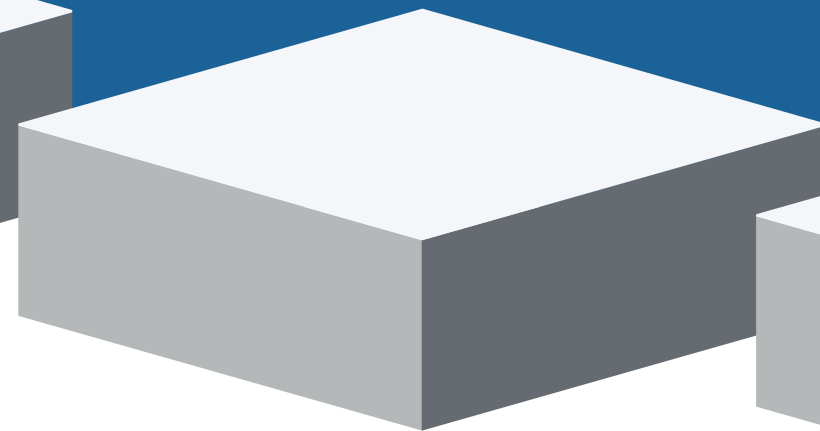
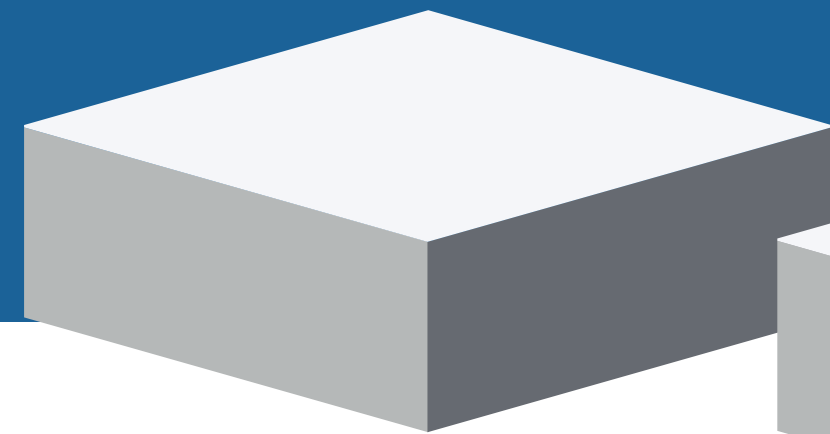
SAFETY & PUBLIC SERVICE

STEM INNOVATION

MUSIC CONSERVATORY

ARTS INNOVATION

MOVEMENT SCIENCE &  
ATHLETICS

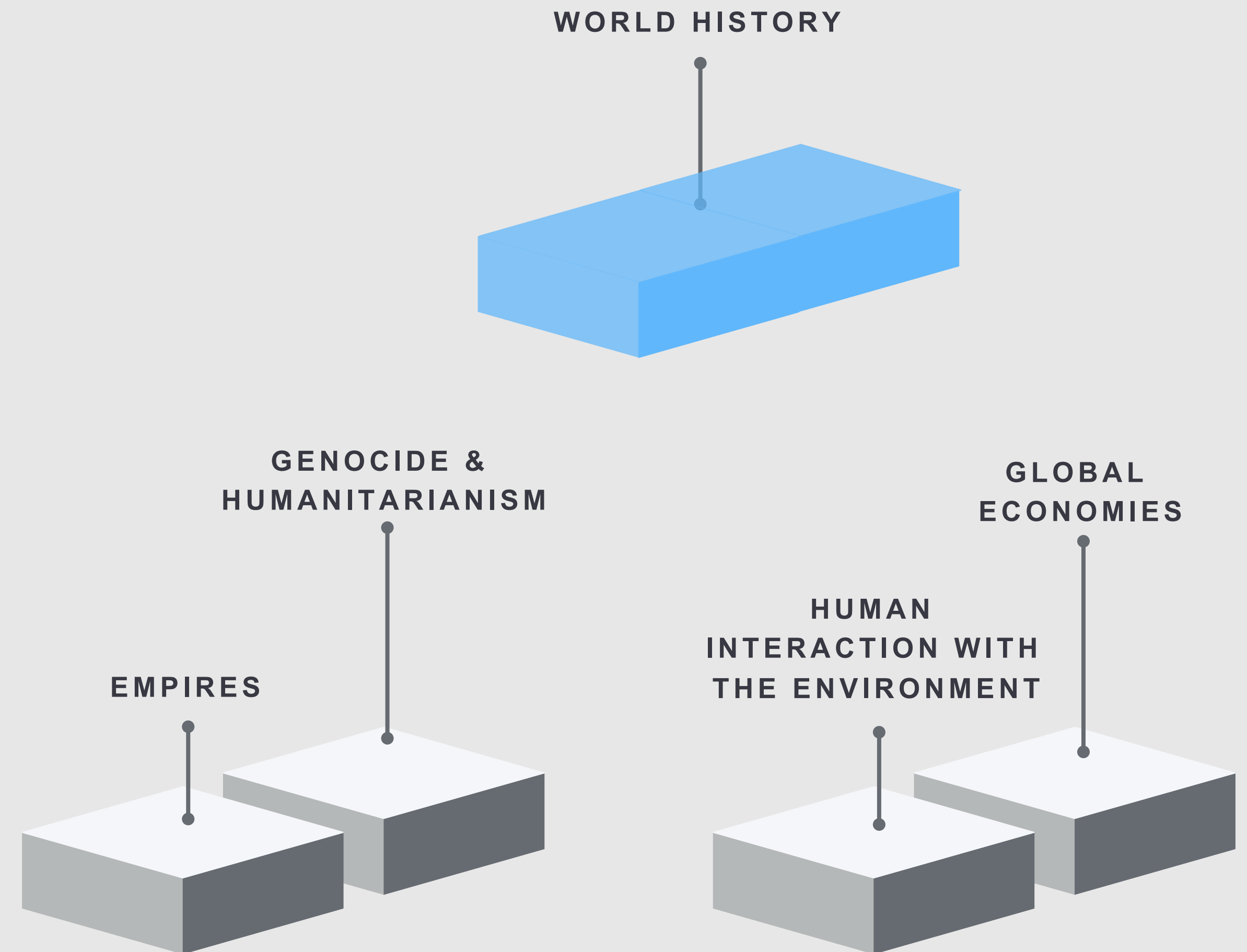


*Example:*

# WORLD HISTORY

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In a typical World History course students study events from the Fall of Rome to the Present to investigate several themes including: Humanity, State Power, Economies, Politics, Development, Geography, and Civilizations.



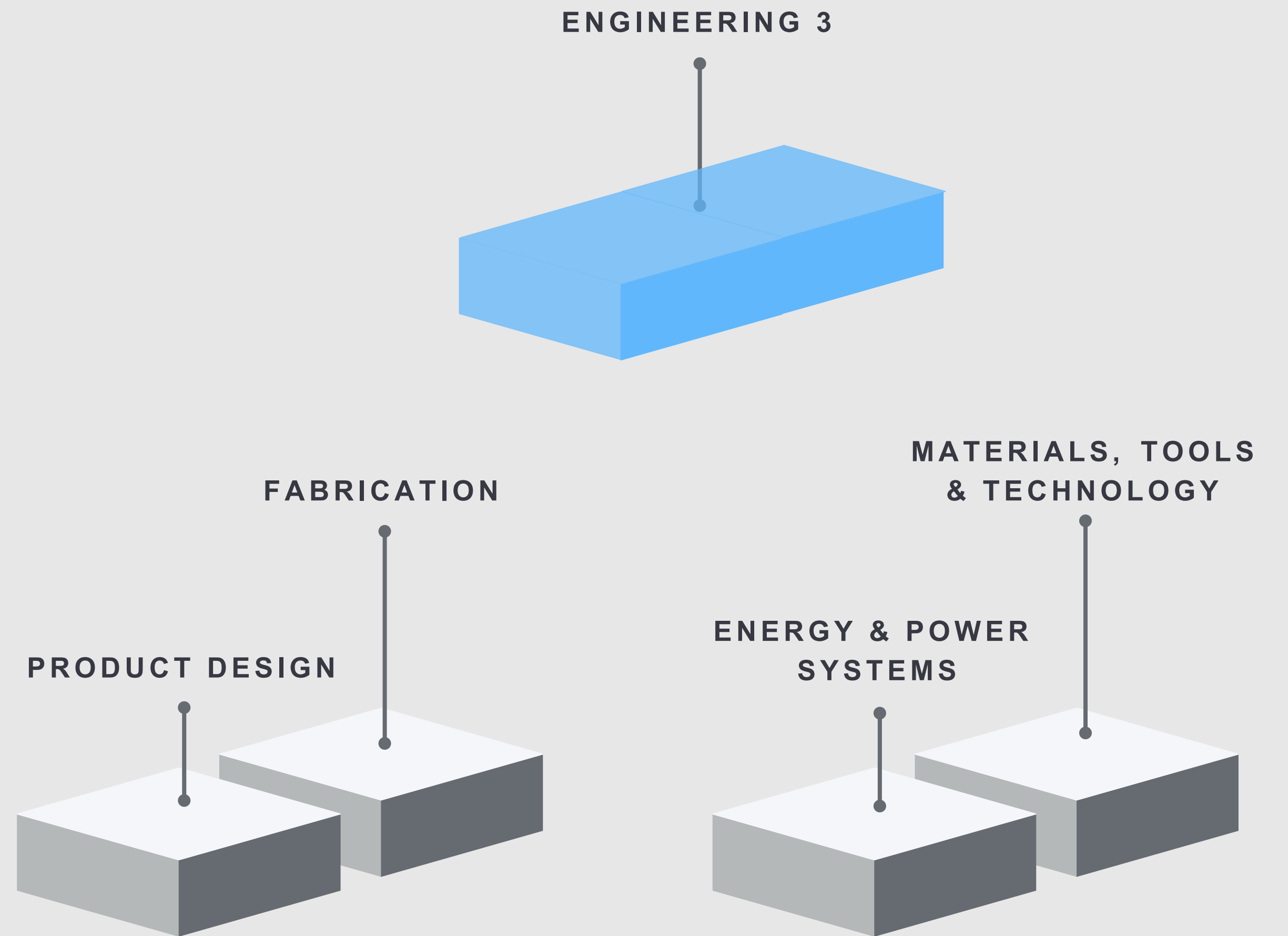


*Example:*

# ENGINEERING

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In many high schools students take generically titled courses, for example: Engineering 1, Engineering 2, Engineering 3, and Engineering 4.



## SUMMARY:

Hanover High School is an excellent place to learn and grow. Our students are successful, healthy, involved in the community, and go on to wonderful colleges and careers.

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## VISION:

Our vision is to provide even more opportunities for students to increase engagement and to demonstrate their learning in ways that are relevant to their interests and futures.



# LOOKING TO THE FUTURE

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Our vision requires us to preserve and to expand upon many key educational ideas.

- Rigorous graduation requirements
- Robust AP program offerings
- Academic support and least restrictive environments
- Skills at the core of the curriculum
- Senior capstone project experience
- Internship, entrepreneurship, and personal finance
- Community service & community partnerships
- Virtual & blended learning environments
- Relevant university-style program of studies
- Graduation concentrations
- Detailed transcripts
- Early high school and early college offerings

# EXAMPLE OF CURRENT HIGH SCHOOL PATHWAY



ENGLISH 9

GEOMETRY

BIOLOGY

US HISTORY 1

SPANISH 2

PE / OFFICE

BAND



ENGLISH 10

ALGEBRA 2

CHEMISTRY

US HISTORY 2

SPANISH 3

PE / DRAWING 1

BAND



ENGLISH 11

PRECALCULUS

ANATOMY

WORLD HISTORY

SPANISH 4

PE / DRAWING 2

BAND



HUMANITIES

STATISTICS

ENVI SCIENCE

AP MUSIC THRY


HON DRAWING

PE / DRAMA

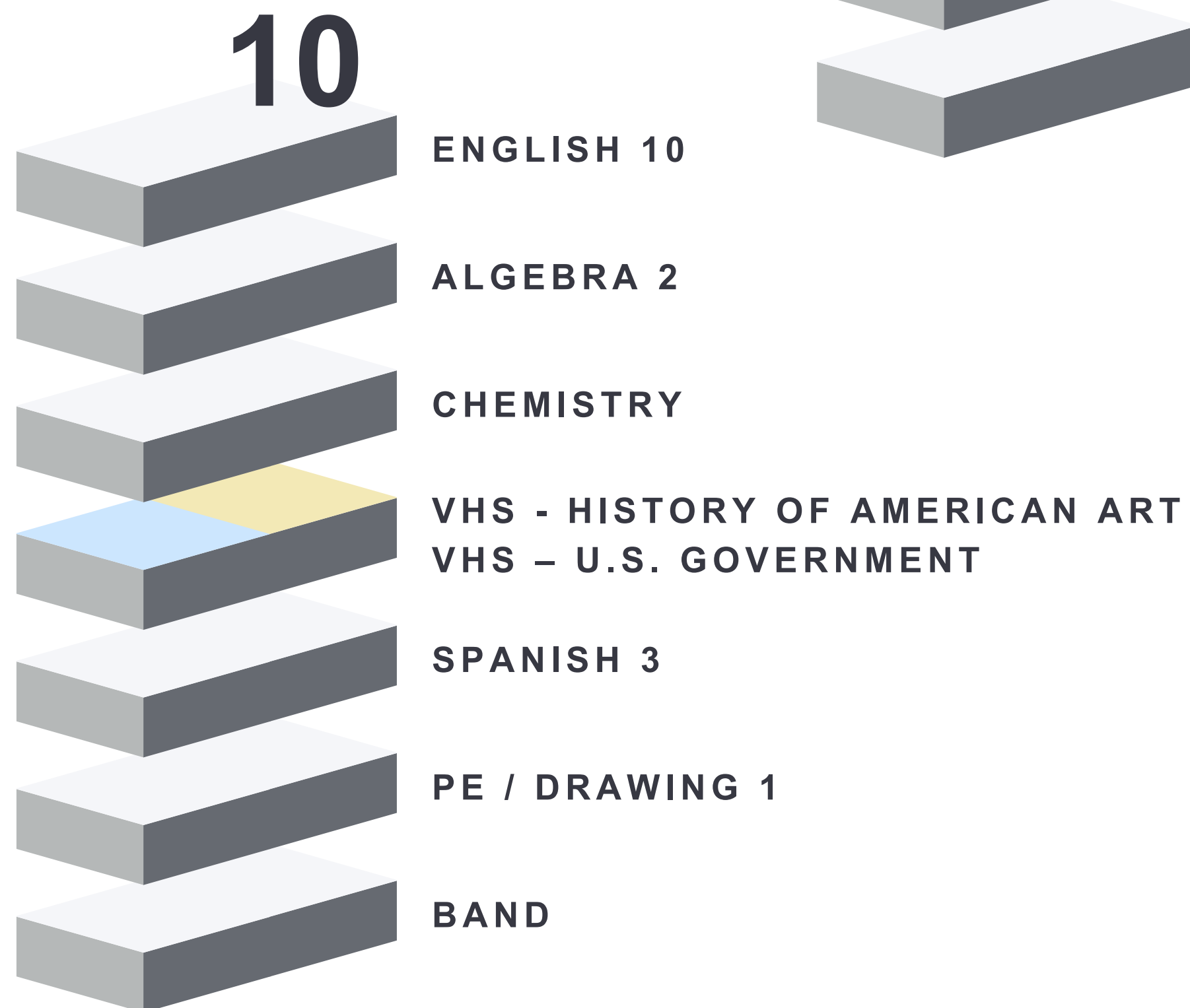
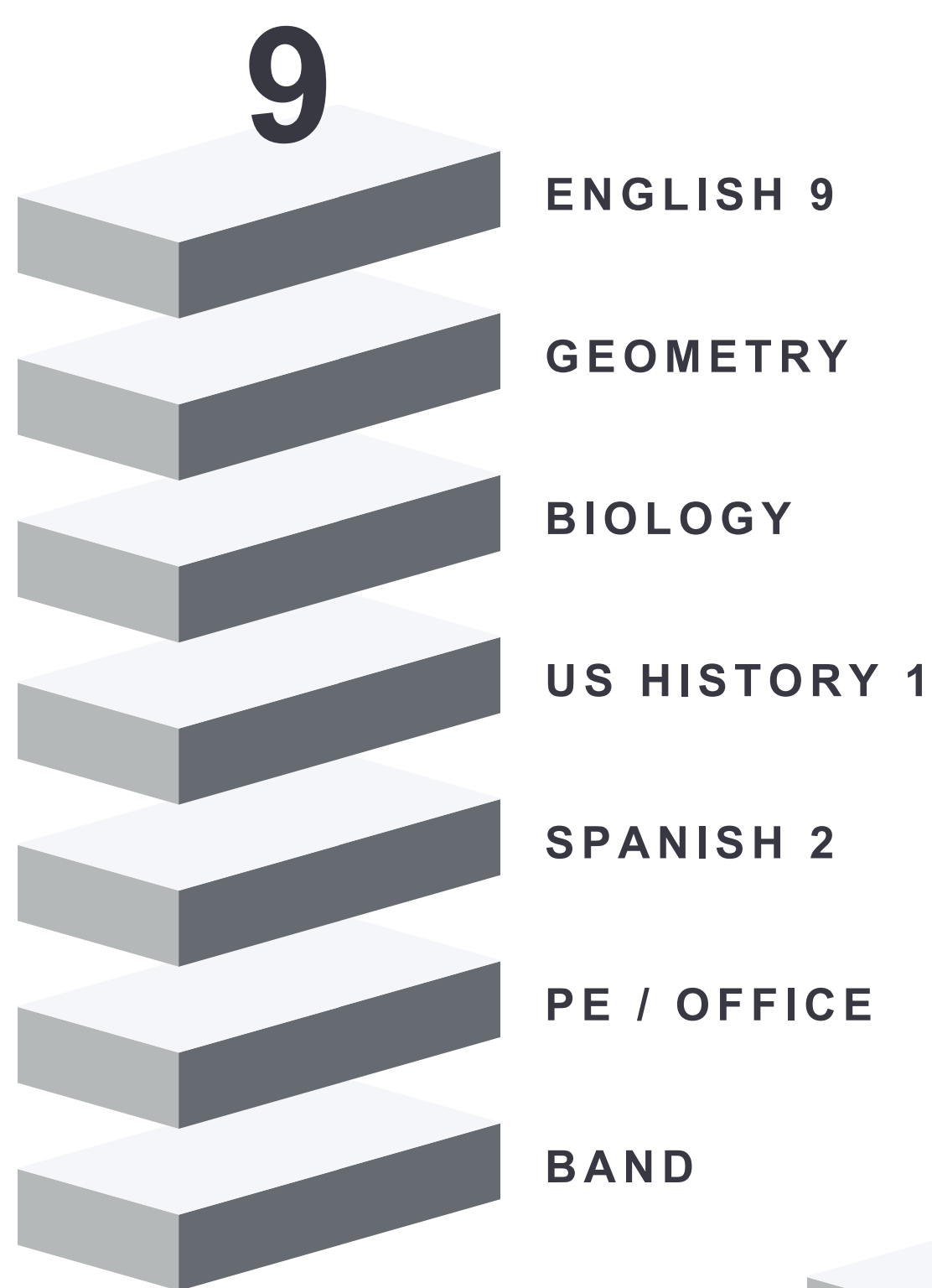
BAND



Tyler Adams  
Class of 2022



FINE & PERFORMING  
ARTS  
CONCENTRATION



Marissa McCarthy  
Class of 2022



## MATH & SCIENCE CONCENTRATION

9

ENGLISH 9

GEOMETRY

BIOLOGY

US HISTORY 1

ENGINEERING 1  
PUBLIC SPEAKING

PE / OFFICE

FRENCH 2

10

ENGLISH 10

ALGEBRA 2

AP CHEMISTRY

VHS – AP HUMAN GEOGRAPHY

ENERGY & POWER SYSTEMS  
MATERIALS & TECHNOLOGY

PE / DIGITAL MEDIA

FRENCH 3

11

JUNIOR COMPOSITION  
EUROPEAN LITERATURE

PRECALCULUS

ANATOMY & PHYSIOLOGY

SOCIOLOGY  
ECONOMICS OF HEALTHCARE

VIDEO PRODUCTION

PE / DRAMA

FRENCH 4

12

HUMANITIES – TECHNICAL WRITING  
HUMANITIES – LITERARY ANALYSIS

AP CALCULUS

AP BIOLOGY

RENEWABLE ENERGIES  
BIOMEDICAL ETHICS

CAREER READINESS  
INTERNSHIP AT S.S. HOSPITAL

PE / INDEPENDENT STUDY

AP PSYCHOLOGY

# INNOVATION TIMELINE

A more diversified educational experience  
that capitalizes on teacher expertise and  
provides greater student choice.



25%



**FEB 2017**

Update Key Stakeholders  
Survey Students



**MAR 2017**

Identify Initial Concentrations  
Formalize Existing Opportunities



**APR – JUN 2017**

Examine Program of Studies  
Identify Strengths & Weaknesses



**JUL – AUG 2017**

Develop SIP  
Complete PD Calendar



**OCT 2017**

Complete Curriculum Review  
Examine School-wide Expectations



**FEB 2018**

Finalize Program of Studies



**SEP 2017**

Review SIP  
Introduce PD Calendar



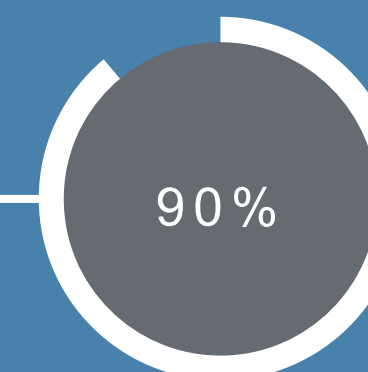
**NOV 2017 – JAN 2018**

Create New Courses  
Update Existing Courses



**MAR 2018**

Present Program of Studies



# IMPLEMENTATION PLAN & LAUNCH



90%

INNOVATION TEAM WORK

50%

CURRICULUM DEVELOPMENT

**APR 2018**

Students register for courses for the 2018-2019 school year.

**SEP 2018 – JUN 2019**

Continuous evaluation of program and identification of opportunities to grow.



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