



# MC EPIC



Are you ready to SOAR to EPIC heights?

**E** *xperiential*

**DISCOVER BY DOING: HANDS-ON  
LEARNING, BUILD & TEST, REVISE**

**P** *roject-based*

**LEARN WITH THE ENGINEERING DESIGN  
PROCESS THROUGH PROJECT-BASED  
LEARNING**

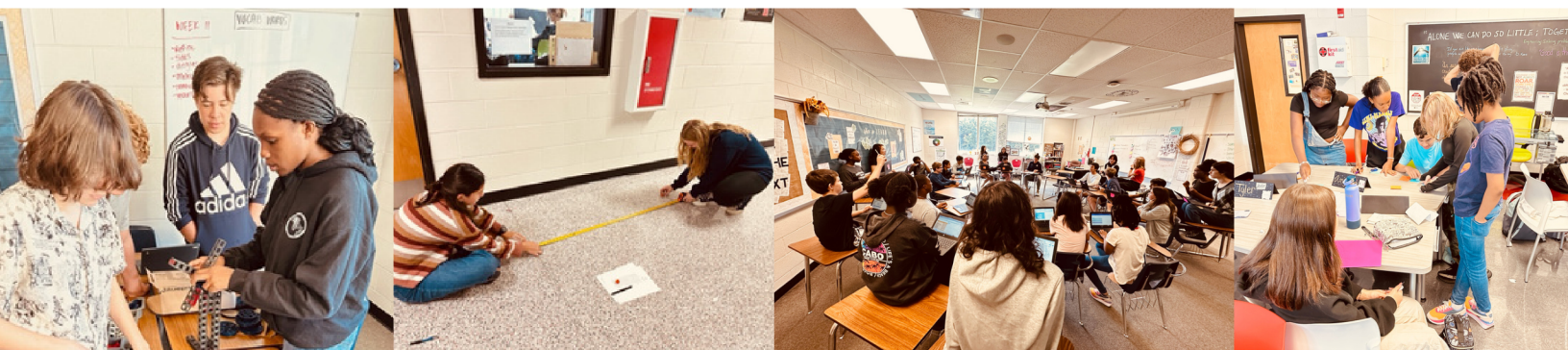
**I** *nnovative*

**USE TECHNOLOGY IN INNOVATIVE WAYS,  
BE A PROBLEM SOLVER FOR THE FUTURE**

**C** *ollaborative &  
cross-curricular*

**LEARN HOW TO WORK EFFECTIVELY IN  
GROUPS TO SOAR**

**CONNECT YOUR CLASSES WITH REAL  
WORLD STEM APPLICATIONS**



The Mill Creek EPIC Program allows students to pursue learning that is high-level, STEM focused, and project-based, creating long-lasting, meaningful experiences. Students experience the innovative EPIC environment and still enjoy 3 traditional courses\* at Mill Creek High School, combining the best of both worlds.

\*Many EPIC students take AP and specialty electives during this time.

# EPIC

## *Project Spotlight: It's In My Genes*

Sophomore EPIC students combine their four classes through a project focusing on genetically inherited diseases. To kick off the project, sophomores interview one of our own special needs teacher to investigate the needs in our own school community. During the project, students design a carnival game that adapts to the needs of a special needs student. Students wrap up the project by hosting a carnival event for our own special needs students to enjoy! This unit is a student and teacher favorite and highlights all the elements of EPIC - Experiential, Project-based, Innovative, Collaborative and Cross-Curricular.



## How Does It Work?

Students have a true STEM experience by taking 4 classes in 3 periods - math, science, engineering and language arts. Each year, students earn 7 credits instead of the traditional 6, from 9th - 11th grade. The integrated approach means that all EPIC teachers work together and focus on making connections among the EPIC classes. This results in authentic learning: students see how the multiple disciplines fit together and are engaged in their learning.

# EPIC

## Who should be an EPIC Student?

- INTERESTED IN STEM
- READY TO SOLVE PROBLEMS
- ENJOYS LEARNING THROUGH DISCOVERY, INQUIRY, AND THE PROCESS
- THINKS OUTSIDE THE BOX
- MONITORS AND TAKES OWNERSHIP OF THEIR LEARNING
- WILLING TO DEVELOP TIME MANAGEMENT AND ORGANIZATION SKILLS
- WANTS TO BE A LEADER AND A TEAM PLAYER
- MOTIVATED
- READY TO BE CHALLENGED
- LEARNS FROM MISTAKES



### Current EPIC Student Participation Snapshot:

- 35% MCHS Winter/Fall Sports
- 40% MCHS Spring Sports
- 32% Performing Arts
- 30% Volunteer Outside of MCHS
- 20% EPIC Ambassador or Committee
- 30% Service-based Organizations
- 40% Student Clubs
- 16% Fine Arts
- 30% Jobs
- 12% Martial Arts
- 10% Robotics/Sci Olym

Plus other activities such as scouts, competitive cheer and more!



## 9th Grade EPIC Courses



**Language Arts** Honors/Gifted 9th Grade Language Arts

**Science** Honors/Gifted Chemistry

**Math** Algebra / Gifted Algebra  
Geom/Gifted Geom  
Accel Geom/Gifted Accel Geom

**CTAE** Foundations of Engineering  
Engineering Concepts

**Three Other Classes**

- 1 Required Elective (Health & PE)
- 2 Other Electives
  - Options include AP Human Geography, AP Comp Science Principles, Foreign Language, Fine and Performing Arts and more!

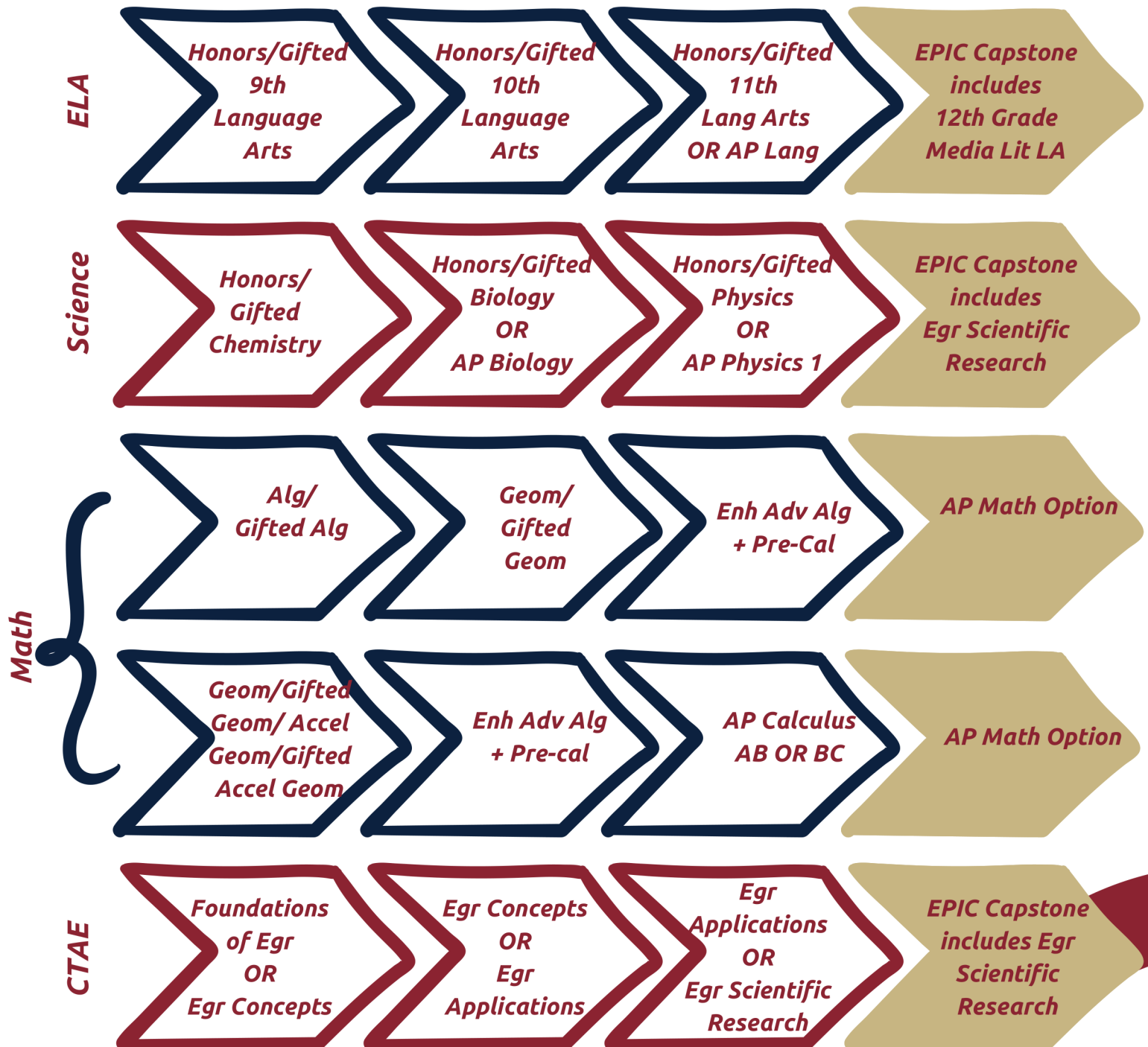




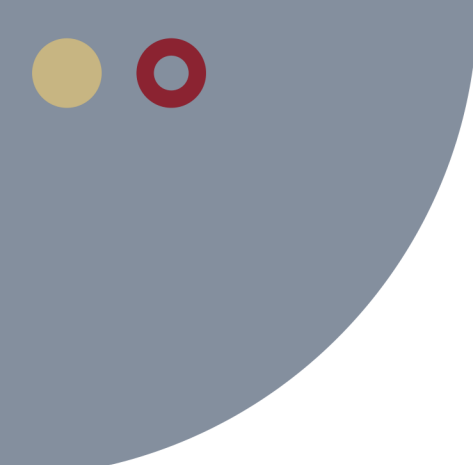
Three Class Periods + Homeroom



# EPIC Pathway of Courses


*EPIC teaches 4 classes in 3 class periods + homeroom*





# EPIC

## Registration Frequently Asked Questions



*Do I have to want to be an engineer?*

No! EPIC uses Engineering and the Engineering DESIGN process to teach critical thinking skills and is applicable to any future career. The math pathway is geared towards a future STEM career, but the skills are applicable to everyone!

*Do I have to be in EPIC all 4 years?*

The EPIC program is intentionally planned and executed so students can complete the Engineering pathway and experience STEM opportunities in 9th - 11th grade. During the 12th grade year, EPIC students will have a multitude of options such as AP courses, EPIC Capstone, Dual Enrollment, or a traditional 6 course schedule.

*Does Engineering hurt my ability to take other electives?*

The Engineering elective is an extra class in the student's schedule and does not hinder students taking other electives. We have many students in fine arts, performing arts and more!

*Can I still take AP classes?*

Definitely. Students can take AP classes outside of EPIC as early as the 9th-grade year depending on their interests. Within the EPIC program, we also have AP options starting in tenth grade.

*Does EPIC mean I won't see my other friends?*

Not at all. EPIC students will have lunch and 3 traditional MCHS classes. This allows for a student in EPIC to still spend half of the day having an opportunity to experience the traditional MCHS life.

Check out our full FAQ for EPIC Registration here:  
<https://sites.google.com/g.gcpsk12.org/epic-mchs/faq-more/faq>

