A young girl with blonde hair, glasses, and braces is smiling at the camera. She is wearing a black t-shirt with the word "SHINET" visible. In the background, other students are visible, including a boy in a dark hoodie looking to the side and another boy in a blue shirt looking down. The scene is set in a classroom.

**6th Grade
Academic Extension
2021 -22**

Academic Extensions

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6th Grade Agenda

Math Pathways/Courses

Flex

Key *iMPACT!*

Cluster Model

Advanced Core Courses

Additional Opportunities





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Grade Level Math Pathways

Math 6

PreAlgebra 7

Algebra/Honors Algebra 8

Geometry/Honors Geometry 9

Algebra 2/Honors Algebra 2

FST (Functions, Statistics,
Trigonometry)

PreCalculus

AP Calculus

Calculus 3

High school graduation requirement

College credit available



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**Above-Grade/Accelerated
Level**

Math Pathways

Mosaic 5

Honors PreAlgebra 6

Honors Algebra 7

Honors Geometry 8

Honors Algebra 2

AP Statistics

Honors PreCalculus

AP Calculus

Calculus 3

High school graduation requirement

College credit available

Incoming 6th graders

Grade level: Math 6

Above-grade level: Honors PreAlgebra 6

For students who have completed Math 6 or have shown mastery of standards

All 5th graders will take district math assessment in May to determine appropriate course placement at Central Middle School. More information will be shared later this spring.

Successful Math Students ...

- Take careful notes
- Do homework regularly
(show all work as modeled in class notes)
- Correct homework and learn from mistakes
- Bring up questions in class regarding material in which they are not confident
- Study for tests by practicing problems over and over
- Come in for extra help when needed



2020-2021 GRADE LEVEL

Flex

Flex at CMS

Student choice five days a week to encourage ownership of learning and exploration beyond classroom instruction

- **Support**
- **Extension**
- **Discovery**

Flex gives students choice in challenge and enrichment

Extension: This is for students who would like to dive deeper into the learning targets. “Going beyond” what was covered in class. Extension could come through direct instruction, collaboration with others, or independent work time.

Discovery: Experiences are offered based on student passions, interests and/or curiosities not directly linked to standards. Discovery could be delivered through direct instruction collaboration with others, or independent work time.



2020-2021 GRADE LEVEL

Key *i*MPACT!

Key *iMPACT!*



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This quarter length course will continue the elementary KEY program experience by featuring a compacted version of the *iMPACT!* curriculum that has been adapted for gifted learners.



2020-2021 GRADE LEVEL

Cluster Model

Cluster Model



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Gifted-identified students will be placed in mixed ability Core courses in groups of four to eight. Teachers are trained to differentiate curriculum and instruction for gifted students with ongoing support for teachers and students from the gifted coordinator. Students will benefit from engaging with their intellectual peers within the clustered classroom. Enrichment learning opportunities are open to all students in the class, and teachers use students' readiness to determine levels and pace of curriculum.



ADVANCED CORE 6 COURSES

Advanced Core 6 Courses



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Advanced Courses are designed for MOSAIC and additional highly capable students. These courses provide grade-level standards with more rigor than Enriched classes including advanced discussions and research projects using more abstract and interdisciplinary thinking. Advanced courses are available to MOSAIC and students who meet entrance criteria. Please indicate your interest on your registration.

- Science
- English
- Reading
- Social Studies

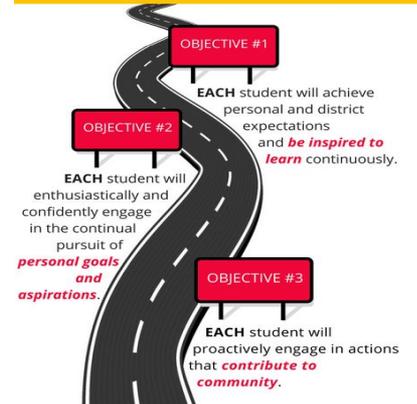
Strategic Plan: THE ROAD MAP for EDEN PRAIRIE SCHOOLS

The mission of Eden Prairie Schools is to inspire **EACH** student to learn continuously so they are empowered to reach personal fulfillment and contribute purposefully to our ever-changing world.



OUR STRATEGIC OBJECTIVES

Together we will work to achieve the following three strategic objectives in Eden Prairie Schools by 2018.



www.edenpr.org/StrategicPlan

Advanced Core 6 Courses

Social Studies

Students will utilize the Northern Lights. It's all about the great state of Minnesota! Students will utilize research skills to produce living maps, participate in mock social justice trials as well as researching some of the most interesting historical events in Minnesota history! This course requires creativity and divergent thinking.

Science

Utilizing STEM/STEAM students will incorporate Minnesota State standards through an rigorous inquiry based program. Students will work in a project based environment to personalize learning and achieve common curricular goals. Students will also be able to participate in competitions throughout the Twin Cities. i.e. 3M Young Scientist Challenge.

Advanced Core 6 Courses

English

Students utilize motivation and creativity through guided practice and 1:1 conferencing to produce work in the areas of personal narrative, fiction, expository nonfiction, functional, argumentative, and poetry.

Reading

Reading inside/outside of the classroom, strong vocabulary development as well as the understanding of the mechanics of genres lends to the comprehensive meaning of the written word.

Advanced Core 6 Courses

- Designed for MOSAIC and any student who qualifies based on specific entrance criteria.
- Mosaic students are eligible for Advanced courses of their choice
- Not available for Spanish Language Social Studies
- Entrance criteria must be met for non-Mosaic students
 - Fastbridge aReading 98th percentile AND
 - Successful writing assessment

Additional Opportunities

- Course placement is usually determined by previous coursework. When prior learning is unclear, students may be assessed on their mastery of standards to determine course placement.
- Some students may choose online course options (at their expense) for acceleration. CMS will accept completion under certain guidelines.
- Qualified students who are above-grade level in particular content areas may take appropriate courses at Eden Prairie High School
- University of Minnesota Talented Youth Mathematics Program (UMTYMP) is a tuition-based program that provides a highly accelerated math program for exceptional math students. Registration is in the spring. Find more information at www.mathcep.umn.edu/umtymp



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Please feel free to contact me
with further questions.

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THANK YOU



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