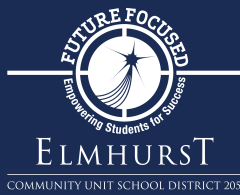


Keeping Math Fun!

Math programs, links, games, for now and
summer break



REACH
Parent Group

2.14.2020

David Beedy

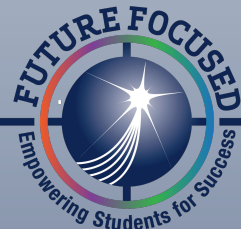
Director of STEM Education



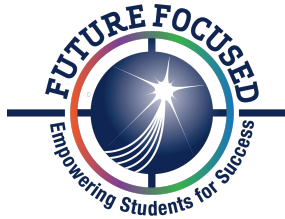
@d205stem



dbeedy@elmhurst205.org



Learning & Teaching PRIORITIES



Help create shared understanding and measurement of district vision, strategies, and priorities

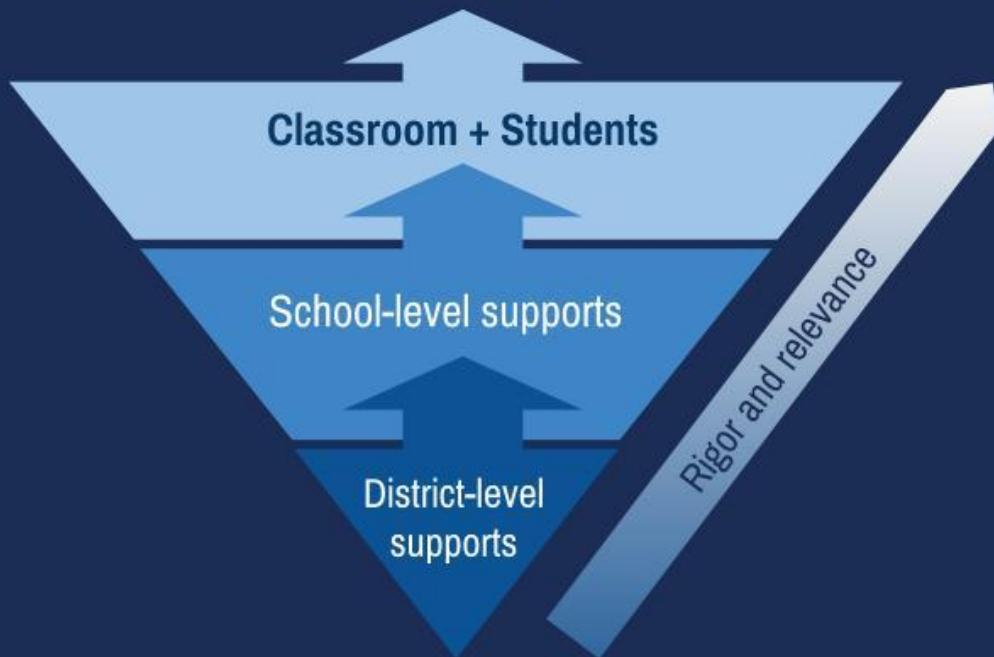
Develop curriculum resources and assessments in key content areas with new standards or programs that reflect rigor and relevance

Support instructional strategies aligned to rigor & relevance and the 6C's

OUR DISTRICT VISION

All students graduate college-, career-, and life-ready.

Communication | **C**ritical Thinking | **C**ollaboration
Character | **C**reativity | **C**itizenship



What do you hope to learn today?



Find more

D205 Parent Mathematics

<https://tinyurl.com/d205mathforparents>

D205 Mathematics for Parents

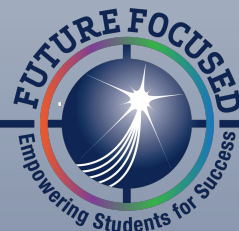
General Information ▼ Elementary ▼ Secondary ▼ 🔍

D205 Mathematics for Parents

Overarching Mathematics Goals

- Students will be able to make sense of never-before-seen, "messy" problems and persevere in solving them.
- Students will be able to construct viable arguments involving mathematics and statistics and critique the reasoning of others.

Please contact your child's math or homeroom teacher first with any questions regarding your child's math curriculum or their experiences in the classroom.



Dragonbox Numbers - Ipad/Android



Dragonbox Big Numbers - Ipad/Android



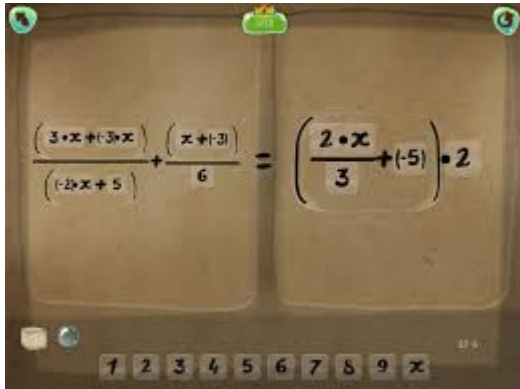
Thousands of math problems to solve



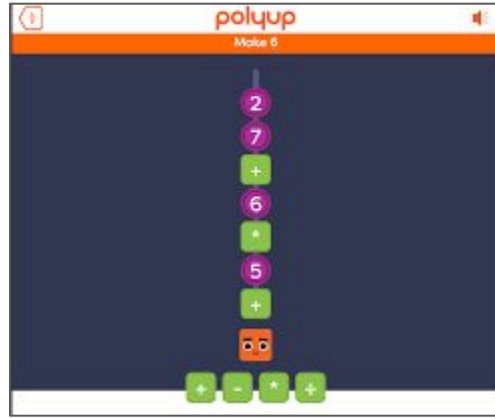
Dragonbox Elements - Ipad/Android



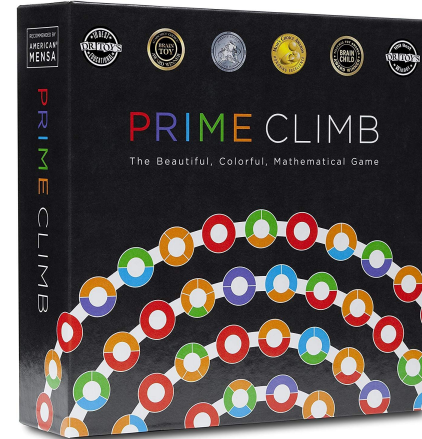
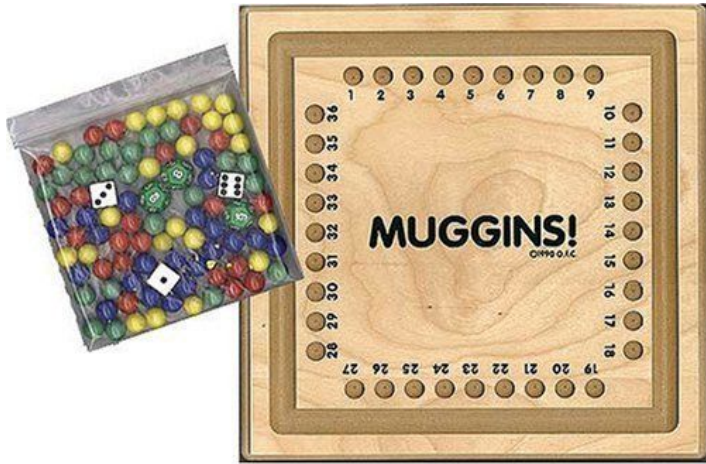
Dragonbox Algebra 5+ / 12+ - Ipad/Android



Polyup - Free - Any Web Browser



Dice Games - Your Kitchen Table



Card Games - Your Kitchen Table



Other Games - Your Kitchen Table



Contact Us



Neutrinos! Professional Development at Fermilab

STEM for Educators

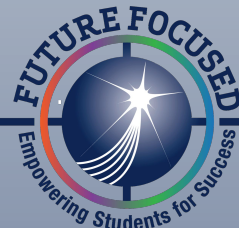
- The DuPage ROE has great educator workshops for science, math and more.

Kids, STEAM, and Innovation

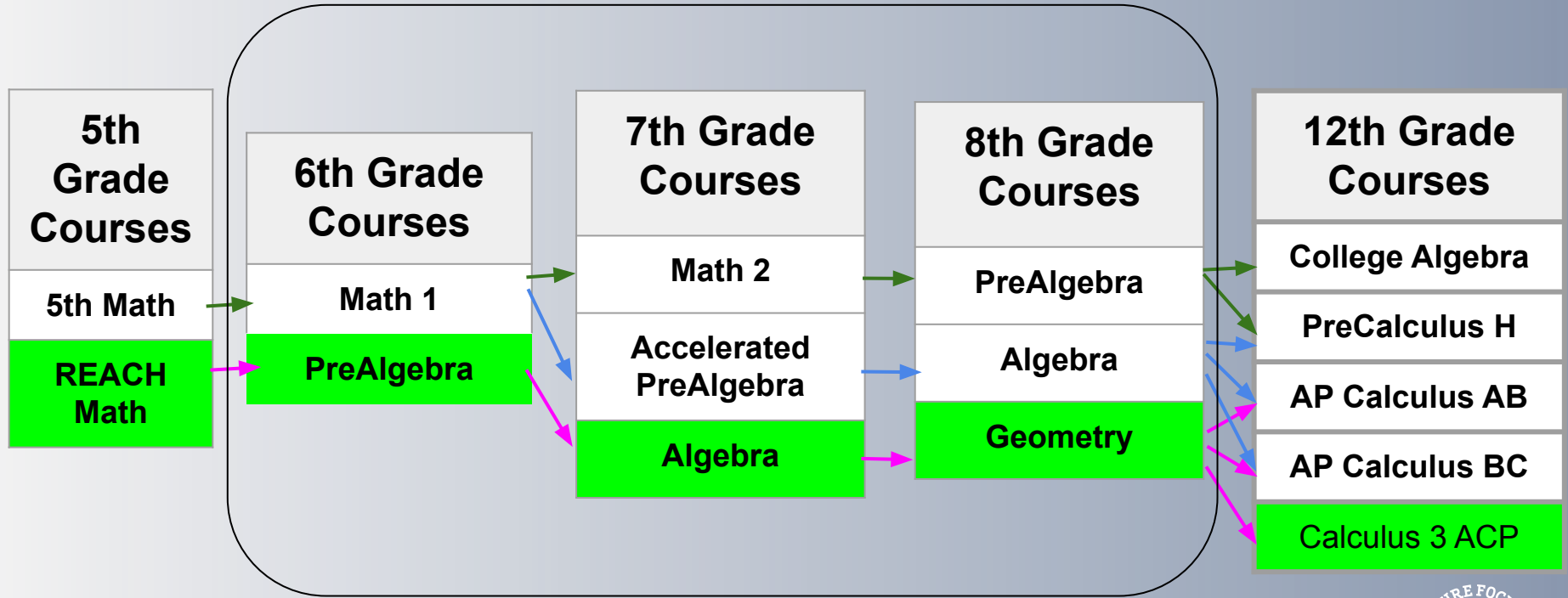
An inspiring book list provided by
Innovation DuPage

STEM Events for Your Family

Geeks and non-geeks welcome!



<http://bit.ly/32rPzcA>



Middle School Courses

York Courses

8 th Grade	Freshman (9 th)	Sophomore (10 th)	Junior (11 th)	Senior (12 th)
Pre-Algebra	Algebra AB	Geometry (College Prep or Honors)	Advanced Algebra Trig. (AAT) (College Prep or Honors)	Pre- Calculus (College Prep or Honors) College Algebra (2019-2020 Only) Algebra 2 ** (Articulated with COB. Non STEM 2 year college)
Algebra	Geometry (College Prep or Honors)	Advanced Algebra Trig. (AAT) (College Prep or Honors)	Pre- Calculus (College Prep or Honors) AP Statistics ## (Full year or Semester) College Algebra (2019-2020 Only)	AP Calculus AB ++ AP Calculus BC ++ AP Statistics ## (Full year or Semester) Functions & Finite Math Honors (ACP) ##
Geometry	Advanced Algebra Trig. (AAT) (College Prep or Honors)	Pre- Calculus (College Prep or Honors) AP Statistics ## (Full year or Semester)	AP Calculus AB ++ AP Calculus BC ++ AP Statistics ## (Full year or Semester) Functions & Finite Math Honors (ACP) ##	Calculus II (ACP) ++ (Calc AB is a Prerequisite) Calculus III (ACP) ++ (Calc BC is a Prerequisite) AP Statistics ## (Full year or Semester) Functions & Finite Math Honors (ACP) ##
Pathways ++STEM Pathway ## Data Science Pathway ** Seniors Only				

Note on AP Statistics (from the coursebook): This is traditionally a full-year course. The semester course option covers the same standards as the full-year course, but with a considerably accelerated pace.

York Courses

8 th Grade	Freshman (9 th)	Sophomore (10 th)	Junior (11 th)	Senior (12 th)
Pre-Algebra	Algebra AB	Geometry (College Prep or Honors)	Advanced Algebra Trig. (AAT) (College Prep or Honors)	Pre- Calculus (College Prep or Honors) College Algebra (2019-2020 Only) Algebra 2 ** (Articulated with COD. Non STEM 2 year college)
Algebra	Geometry (College Prep or Honors)	Advanced Algebra Trig. (AAT) (College Prep or Honors)	Pre- Calculus (College Prep or Honors) AP Statistics## (<u>Full year</u> or Semester) College Algebra (2019-2020 Only)	AP Calculus AB⁺⁺ AP Calculus BC⁺⁺ AP Statistics## (<u>Full year</u> or Semester) Functions & Finite Math Honors (ACP)##
Geometry	Advanced Algebra Trig. (AAT) (College Prep or Honors)	Pre- Calculus (College Prep or Honors) AP Statistics## (<u>Full year</u> or Semester)	AP Calculus AB⁺⁺ AP Calculus BC⁺⁺ AP Statistics## (<u>Full year</u> or Semester) Functions & Finite Math Honors (ACP) ##	Calculus II (ACP) ⁺⁺ (Calc AB is a Prerequisite) Calculus III (ACP) ⁺⁺ (Calc BC is a Prerequisite) AP Statistics## (<u>Full year</u> or Semester) Functions & Finite Math Honors (ACP) ##
Pathways ⁺⁺ STEM Pathway ^{##} Data Science Pathway ^{**} Seniors Only				

Note on AP Statistics (from the coursebook): This is traditionally a full-year course. The semester course option covers the same standards as the full-year course, but with a considerably accelerated pace.