Keeping Math Fun!

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



REACH
Parent Group

2.14.2020

David BeedyDirector 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 | Critical Thinking | Collaboration Character | Creativity | Citizenship

Classroom + Students

School-level supports

District-level supports

What do you hope to learn today?

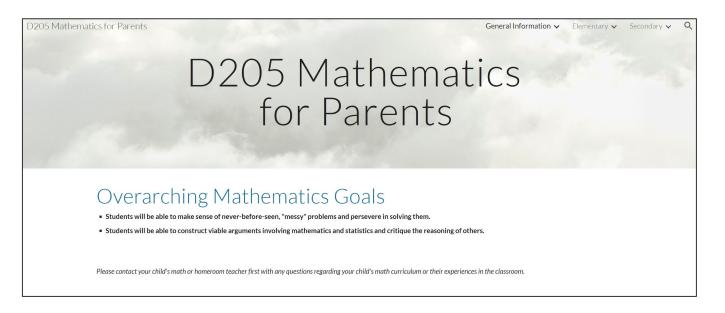




Find more

D205 Parent Mathematics

https://tinyurl.com/d205mathforparents





Dragonbox Numbers - Ipad/Android













Dragonbox Big Numbers - Ipad/Android





Thousands of math problems to solve







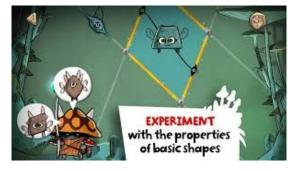
Dragonbox Elements - Ipad/Android











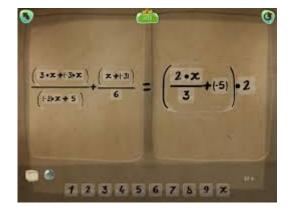


Dragonbox Algebra 5+ / 12+ - Ipad/Android







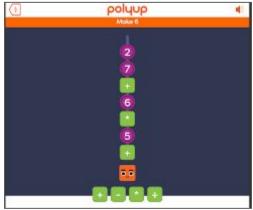






Polyup - Free - Any Web Browser



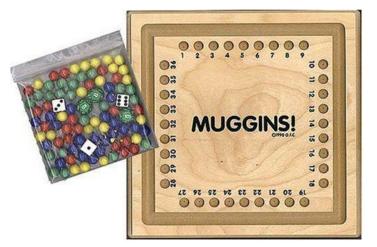


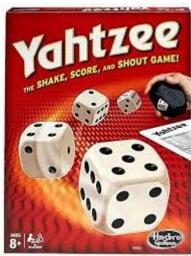


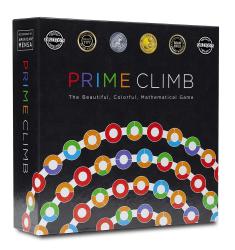




Dice Games - Your Kitchen Table





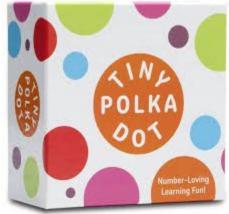






Card Games - Your Kitchen Table









Other Games - Your Kitchen Table







STEMDuPage.com





News /

About STEM DuPage

Contact Us





Neutrinos! Professional Development at Fermilab

Thank you for visiting our STEM Team website; we are part of the DuPage County Regional Office of Education. Our goals are to encourage awareness of and engagement with STEM (science, technology, engineering and mathematics) content, processes and careers. The events and activities hosted by our Team focus on middle school grades and include educators, students, and parents. We collaborate with schools, businesses and community organizations in the County in our quest for all to embrace STEM.

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 5th 7th Grade 12th Grade 8th Grade 6th Grade Grade Courses Courses Courses Courses Courses College Algebra Math 2 **PreAlgebra** Math 1 5th Math PreCalculus H Accelerated Algebra **PreAlgebra** REACH **PreAlgebra AP Calculus AB** Math Geometry **Algebra AP Calculus BC** Calculus 3 ACP

Middle School 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)	Pre- Calculus (College Prep or Honors)		
			(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)	Pre- Calculus (College Prep or Honors)	AP Calculus AB**		
		(College Prep or Honors)	AP Statistics##	AP Calculus BC**		
			(Full year or Semester)	AP Statistics##		
			College Algebra	(<u>Full year</u> or Semester)		
			(2019-2020 Only)	<u>Functions & Finite</u>		
				Math Honors (ACP)##		
Geometry	Advanced Algebra	Pro Calculus	A.P. Calculus A.P.++	Calculus II (ACP) ++		
	Trig. (AAT) (College Prep or Honors)	(College Prep or Honors)	10.0 0.0	(Calc AB is a Prerequisite)		
	(College Prep of Hollors)	AP Statistics##	AP Calculus BC ⁺⁺	Calculus III (ACP) **		
		(<u>Full year</u> or Semester)	AP Statistics##	(Calc BC is a Prerequisite)		
			(<u>Full year</u> or Semester)	AP Statistics## (Full year or Semester)		
			Functions & Finite Math Honors (ACP) ##	30.70		
				Functions & Finite Math Honors		
				(ACP) ##		
		Pathways				
## Data Science Pathway ** Seniors Only						
		**STEM Pathway				

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

C--:-- (12th)



8 ^{tn} Grade	Freshman (9 ^{tn})	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)	Pre- Calculus (College Prep or Honors)	AP Calculus AB**
		(College Prep or Honors)	AP Statistics## (Full year or Semester)	AP Calculus BC**
				AP Statistics## (Full year or Semester)
			College Algebra (2019-2020 Only)	Functions & Finite Math Honors (ACP)##
Geometry	Advanced Algebra Trig. (AAT)	Pre- Calculus (College Prep or Honors)	AP Calculus AB**	Calculus II (ACP) ++ (Calc AB is a Prerequisite)
	(College Prep or Honors)	AP Statistics## (Full year or Semester)	AP Calculus BC ⁺⁺ AP Statistics ^{##} (Full year or Semester)	Calculus III (ACP) ++ (Calc BC is a Prerequisite)
			Functions & Finite	AP Statistics## (Full year or Semester)
			Math Honors (ACP) ##	Functions & Finite Math Honors
				(ACP) ##

Sanhamara (10th)

Junior (11th)

Soniar (12th)

oth Grade

Freehman (Oth)

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

