



SAMPLE LESSONS in Blended Learning to Address K to Algebra 1 Curricula within the Changing Classroom

As one Curriculum Director put it ...

"UMathX has it all... a full service K to Algebra 1 learning environment, supporting a 'growth mindset' within a "learning pit" encouraging students and teachers to 'grapple' with concepts."

Recent sessions have opened up UMathX initiatives around the world.
We confirm our commitment to partner with you.

Our UMathX data analysis is now excellent from the perspective of student, teacher, Principal and administrator.

Visit our new website www.umathx.com for:

- a 15 day preview, under the tab, **Preview** as a "student" or as a "teacher".
- a 2 day professional opportunity under the tab, **Training**.
- introductory videos, the latest being, "UMathX – What is it" under the tab, **Videos**.



All Math Concepts from K to Algebra 1 are available to you. Some SAMPLES are listed below.

LESSONS:	within UMathX Menu	within FL SOLs Menu
Operations 12) Add 3 or 4 # – A – Add 3 # Vertically		MAFS.1.OA.03.06
Fractions –The Meaning of Fractions – Think, Write, Say – tiers 1, 2, 3		MAFS.3.NF.01.01
Operations – 27) Introduce Mult Facts - 2, 3, 4, 5 - Mult: Groups of 4		MAFS.3.OA.01.01
Decimals to tenths, hundredths, thousandths		MAFS.4.NF.03.06;
	and...	MAFS.5.NBT.01.03a
Multiply 2 Digit Numbers – Partial Products – Ex. 1 With Blocks		MAFS.4.NBT.02.05
Multiply Decimals by Partial Products – Area – Ex 1 With Blocks		MAFS.5.NBT.02.07
Addition of Fractions – Pattern Blocks & Word Problems – Eating Candy		MAFS.5.NF.01.01
Multiply Fractions – Developing the Rule - tiers 1, 2, 3 - word problems		MAFS.5.NF.02.04a
Dividing Fractions – Modeling Examples – Models 1, 2, 3, 4, 5, 6– tiers 1, 2, 3		MAFS.6.NS.01.01
Measurement – Per&Area Polygons – Area Polygons – Polygons Broken - tiers		MAFS.7.G.02.06
Graphing without a Scale – tier 1, tier 2, tier 3		MAFS.8.F.02.05
Slope & Line – Walk in Real World - tier 1, tier 2, tier 3		MAFS.8.EE.02.06
Graphing – Relations, Equations, Functions – Relations – Ex2: tiles, Part 1		MAFS.A.CED.01.01
Graphing –Quadratic Functions–Maximize Cage Area–Trial & Error to Summary		MAFS.A.CED.01.02

Frameworks for Learning .. for each of the above lessons are available at www.umathx.com/frameworks.

All above lessons within **Texas TEKS, Ontario Expectations, Common Core and Virginia SOLs**, are available under the Training tab at www.umathx.com .

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