






Vision of STEM Enriched with Math



Principles

- Pipeline of outside-of-school programming for every age group
- Science and math integration in fun, real-world examples
- Proven outcomes in increasing math achievement and reducing math anxiety
- Low cost to produce and scale leveraging developed programming where possible

Preschool*	K-2 & 3-5	6-8	9-10	11-12
				
Bedtime Math (one good option*)	Crazy 8's Club	Mathletics – GameOn	Citizen Scientist	Data Scientist Internships
Ready to scale http://bedtimemath.org/	Ready to scale https://crazy8s.bedtimemath.org/home/what	In development, Preparing pilot	Concept Stage	Concept Stage
Daily math using fun examples to build number sense, free app	32 weeks of activities in 4 8-week sessions, free kits, math specialty not required to lead the club	STEM engagement stations that teach math concepts, 10-week programs	Use science projects for students to collect and report data contributing to real world research	Data analytic projects that generate income and work experience for students
Improved math achievement +3 months	Reduces math anxiety which is linked to math achievement	Increased perception that “math is fun”, achievement outcomes TBD in pilot	Outcome TBD	Outcome TBD

*multiple solutions will be needed to engage all families