

STEMulate Learning: **Proposed Educational Services for** **Pinacate Middle School 2021-2022**

Dear Chakwan,

Please find below **STEMulate Learning's** proposal to provide math educational and consulting services to the **Pinacate Middle School**. In addition to what is mentioned below, we would conduct a school diagnostic, create an MOU about agreed upon goals, outcomes and timelines as well as determine measurements of effectiveness and provide a program summary of lessons learned at the end of the school year.

The Philosophy

STEMulate Learning's mission is to **promote and develop the love of math** as the foundation for student success in STEM/STEAM related fields. Our experience in providing training and instruction that is inquiry based, culturally relevant and life-affirming helps transform educators into effective instructors and facilitators of learning while empowering students to overcome a fear of math and develop the mathematician within them.

Through our holistic approach to learning and training, we incorporate a triangular approach to rigorous mathematics instruction, consisting of **Social Emotional Learning, Cultural Competence, and a Growth Mindset framework**. We create a positive learning environment that fosters a discovery approach to problem solving and builds in students and instructors the mental edge necessary for success in all K-12 levels of math. We believe students should be afforded the opportunity to explore math as it relates to their world, giving them ownership and pride in the learning process.

The Solution

STEMulate Learning's signature program, **STEM Begins with M**, is an educational program designed to assist students in their pursuit of math proficiency, and provides educators with 21st Century pedagogy to confidently provide a collaborative, student-centered and rigorous learning experience for students. Our program is delivered through our **MASTER** system approach: *Making Academics Social, Transformative Engaging and Relevant*.

Proposed Educational Services for Pinacate Middle School:

STEMulate Learning believes each school is unique and requires a customized approach to improving their math program and student performance. Below are math program offerings with the various elements of service to consider. Upon completion of each schools' diagnostic report, we will provide suggestions on how to enhance teacher performance with the program offerings.

MASTERCoaching

Teachers receive individual coaching and support around lesson planning, pedagogy, student engagement, formative and summative assessments and content knowledge. Coaching includes classroom observations with data-focused debriefs and individual meeting times to discuss classroom strategies and problems of practice. Coaching services are also available for Administrators, Department Chairs and Instructional Coaches.

****The program includes 90 minutes per week of coaching for the entire school year. Classes may be split if needed twice per week.*** (Online, In Person or Hybrid Model available)

MASTERTeacher Professional Development

The PD program consists of (1-2) Half-day sessions and you may choose from the list below:

1. Math is Emotional: (Addressing the Social Emotional needs of Teachers and Students) Subtracting Fear, Adding Confidence and Multiplying Culture
2. Equity in Equations: Math Pedagogy for 21st Century Learners
3. Transforming Lesson Plans into Lesson Experiences for Student Engagement
4. Doing the Math to Teach the Math: Using Formative Assessment and Data to Inform Instruction
5. Ethnomathematics-Understanding the rich historical perspectives and origins of math

Qualified, engaging presenters ensure the sessions are interactive, transformative, and responsive to the needs of attendees.

ARMS-MFL (Algebra Readiness, MASTERStudent & Math Football League Program)

ARMS is an educational program designed to assist students in their pursuit of mathematical acumen and success in Algebra and beyond. We specialize in ***ALL THINGS ALGEBRA***, identifying the high leverage math skills needed to achieve a deep understanding of Algebra, combined with engaging activities that address the cultural and social emotional needs of students.

The MASTERStudent™ Program (MSP) trains students on how to think, behave and become ‘A’ students. The program is based on 10 years of student feedback about their ‘best practices’ that propelled them to get accepted to top colleges and universities. The MSP develops mindsets, organizational skills and work habits that make learning deeper and more personal for students. Our underserved and underrepresented students need additional scaffolds, support and tools to increase self-esteem and skills that will allow them to compete with the best and brightest students in California.

The MFL (Math Football League) is a collaborative game format that trains middle and high school students to improve their current academic grade in math and to increase their scores on standardized tests. It was created to simulate the structure of football, and combines rigor and excitement through coaching, instruction and competition. It increases student collaboration in class and enhances the implementation of the Standards for Mathematical Practice.

****The ARMS-MFL program consists 24 hours of instruction with 2 math Coaches per class for a maximum of 25 students. Multiple groups or sessions are available based on need.*** (Online, In Person or Hybrid Model available)

***A retainer of 20% will be required upon execution of the contract for Program Implementation, Administrative fees, and Materials. Payment Terms Net 30 Days.**

Educational Service	Number of Sessions	Cost	Total Cost of Service
Math Coaching/ Model Teaching (Entire school year)	Pinacate MS (7) teachers 2X per week 45 Minutes	\$9,100 per teacher On-line, In Person or Hybrid Model-	Pinacate MS \$63,700 -\$700 Discount Total \$63,000
Professional Development 4-8 Hour Session available upon request	1 Hour 1.5 Hour 2 Hours	\$1,000 \$1,500 \$2,000	As Needed
ARMS-MFL Student Program Maximum 25 students per class.	(2) programs 6 weeks on Saturday 8 AM – 12 pm	\$5,000 per program On-line, In Person or Hybrid Model Includes 2 Math Instructional Coaches, Materials and Prep Time	\$10,000
Consulting Services	20 hours	\$200 per hour	\$4,000 COMPLIMENTARY
TOTAL			\$73,000

This estimate is based on a holistic approach to schoolwide improvement in math perceptions, attitudes, and proficiencies.

Thank you very much for your consideration and we look forward to working with you, your staff, and your students.

Sincerely,

Denise Peoples
STEMulate Learning
Chief Educational Officer