Program-Title	Han-5 Mathematics		Entry# 15
Org-Type	Non-Profit-based		
Lead	Tapp Hancock	PoC	Tapp Hancock
PoC-Phone	661 664-7375	PoC-Email	tapp@han5math.com
Address	8000 Kroll Way, Condo. # 2, CA, 93311		
URL	http://www.han5math.com/index.cfm?fuseaction=page&page_id=44		
Service-Region	Nationwide		
Type	Student Program		
Subjects	Math		
Level	Elementary School (K-5th grade)		
Other-Objectives			
Served-per-Year	800	Demographics	

Content

Han-5 System : A system that teaches nine different hand patterns on one hand to be able to recall any math fact within minutes. Mos math programs teach recall with individual math facts that students need to memorize. Then they can only recall just those facts without conceptual understanding. Han-5 teaches linear patterns to recall any math fact. Then it shows how to solve all kinds of math problems while seeing how math facts are interconnected with functions and operations to understand mathematics as a whole science. I. How does it work? Han-5 System workbooks are systematically set up to teach the visual, kinesthetic, and auditory learner nine different number patterns, on one hand only, to be able to recall and master basic math facts. Workbooks also show how the system relates to a hundred chart, a number line and multiplication/division tables. It also teaches common relationships between multiplication/division math fact families, equivalent fractions and parts to whole. It is a multiple "all-in-one" tool to use in solving math problems, instead of using many seperate tools. II. Objectives: Students will be able to recall and master basic multiplication and division facts with 98% accuracy. To increase understanding of mathematics through number patterns and functions. To give students a feeling of self-confidence and pride while becoming mathematically empowered. To empower students to see patterns in all facets o curriculum and life.. III. Activities When students are taught to read, one teaching strategy is adding initial consonants to word families to create a greater vocabulary. Han-5 system is simply add tens to ones to create multiples. Once again they are learning a pattern, bu instead of using letters they are using numbers to build and extend their knowledge. Then they are able to speak by multiples, which is the first part to understanding multiplication and its relationship to many algorithms. Han-5 workbooks include number puppets, Boogie Boards of hand formations, stories and directions on how to add, multiply, divide, solve equivalent fractions, parts to whole, reduce fractions, etc.. with the Han-5 System. Activities are arranged in a systematic way for the visual, auditory and kinesthetic learne to be successful in learning all math facts. Other activities reinforce the cognitive understanding of how "math fact families" are relate to algebra, multiplication, division, reducing fractions, solving for equivalent fractions plus much more. IV. Benefits of Students Students will understand adding tens to ones to create a number pattern, place value, skip counting by multiples, recall math fact families and analyze how both repeating and growing patterns are generated. Students that couldn't learn math facts through rote memorization will benefit by being successful within minutes of learning a simple number pattern and then apply it to solve many other kinds of algorithms. V. MATH STANDARDS Some of the Standards the Han-5 workbooks support Numbers and Operations: 1.0 Students understand the relationship between numbers and quantities by seeing different number patterns. Han-5 System teaches students nine different sequential number patterns simply by adding tens to ones using one hand as a visual representation. These numbers added together create multiples for the number they are learning and then they can skip count by that number. By using thei one hand, they can see and understand the conceptual meaning of what multiplication and division is. Then cognitive understanding is easily acquired when solving problems with manipulatives. Note: after practice students drop their hand and can recall the math facts mentally. 2.0 Students perform calculations and solve problems involving addition, multiplication, and division. By learning Han-5, students are empowered to add, multiply, divide, do parts to whole, recall equivalent fractions, recognize commutative and associativ properties of addition and multiplication and create a solid foundation to solve any functional relationship between two quantities. Algebra and Functions: 1.0 Student model and interpret number relationships to create and solve problems. 2.0 Students are empowered to recognize, describe, and extend number problems. Han-5 empowers students to extend and recognize linear patterns by its rule….example: count by 4's or multiply by 4's. Statistics and Probability: 2.4 Students organize, represent, & compare data by charts (students use their one hand as a visual chart) Record numerical data in systematic ways, keeping track of what has been counted. Represent and compare data by number patterns. 2.0 Students sort objects, create, and describe patterns by objects and numbers. Describe, extend and explain ways to get the next element in simple repeating patterns with numbers. Students are empowered to do this by learning the Han-5 2.1 Solve problems involving simple number patterns. This is the Han-5 System!

Outcomes

To speak fluently by multiples and knowing their math facts. After learning the Han-5 System of Mathematics,students are empowered to solve any kind of math problem. Primary-Focus-Program: Being able to calculate and solve math problems. Program-Best-Practice: Absolutely. It gives students a second chance to not miss the boat in being able to perform mathematics with self confidence and ease. We have a 95% success rate of students increasing proficiency from Far Below and Below levels to Proficient and Advance levels in just one month.

Started		Funded-Through	
Length	One-time	Cost	
Primary-Funding	Other	Primary-$	
Materials			
Other-Funding	Sales of Teacher Licenses, Workbooks, and DVDs.		
How-Assessed			
Best-Practice-Why			
Promising-Practice			
Sponsor		Sponsor-Org	
Sponsor-Phone		Sponsor-Email	
Other-Orgs	Kern County Migrant Division V Woodbine Elementary School Arvin School District Delano School District		