



HANLONMATH

MATHEMATICAL SYSTEMS, INC.

Math Content Based Professional Development



Instruction Matters *Building Success on Success*

The greatest differences between the math taught in elementary to the math taught in secondary schools are vocabulary, notation, and the pattern development that makes math much easier to learn and do. Linking those concepts and skills makes it easier to assist students reeling from the disruptions caused by the pandemic.

Linking

Linking concepts and skills allows teachers to review and reinforce concepts and address student deficiencies as they teach their assigned curriculum. By linking, students are introduced to “new” topics in a familiar language which makes them more comfortable in the new learning.

Examples Matter

Nothing ruins a good lesson like a bad example. Introducing new topics using simple straightforward examples that work, without variation, keeps students focused on the new learning and doesn't distract them with needless arithmetic.

Repeated Scaffolding

Again, straightforward examples that work, use repeated scaffolding to reach grade level expectations and build students' confidence in their ability to do math at grade level.

Daily QCPR & CFP

The daily Quick Crisp Purposeful Reviews (QCPR) and the Check For Proficiencies (CFP) results in the repetition students need to be able to do math more comfortably, with greater fluency, as well as setting them up to succeed on unit/chapter tests.

Learn these and other tools for improving math education in our professional development workshops.

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