Implications of the Common Core State Standards

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CBMS Forum, October, 2014
Explicit expectations in the Common Core State Standards in Mathematics

- Modeling with mathematics
- Statistics and probability
- Seeing algebra as based on a few coherent principles, not a multitude of unrelated techniques
- Building and interpreting functions to represent relationships between quantities
- Fluency
- Understanding
- Making sense of problems and persevering in solving them
- Attending to precision
- Constructing and critiquing arguments
Explicit expectations in the First Two Years (common to all institutions)

- Fluency
Explicit expectations in the First Two Years (for which there are exemplars somewhere in this country)

- Modeling with mathematics
- Statistics and probability
- Seeing algebra as based on a few coherent principles, not a multitude of unrelated techniques
- Building and interpreting functions to represent relationships between quantities
- Fluency
- Understanding
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