

Balanced Math Program Evaluation

On a scale of 0 – 4, with 0 being absent and 4 being present on a daily basis, rank the presence of each of the components of a balanced math program in your current mathematics program.

Grade	Conceptual Understanding		Problem Solving		Computation & Mental Math		Math Facts		Common Formative Assessment		Explicit Vocabulary Instruction	
	Resources	Visibility	Resources	Visibility	Resources	Visibility	Resources	Visibility	Resources	Visibility	Resources	Visibility
K												
1												
2												
3												
4												
5												

Definitions:

Conceptual Understanding: Instruction focuses on the big ideas of mathematics and the reasoning behind the mathematical work.

Problem Solving: Instruction focuses on students reading or listening to problems, determining essential information to solve the problem, choosing appropriate strategies for manipulating information and determining reasonableness of the results of calculations.

Computation: Manipulation of mathematical symbols for calculation.

Mental Math: Calculations done without the aid of pencil-and-paper, calculators, or other tools.

Math Facts: Activities that reinforce students' retention and recall of basic addition, subtraction, multiplication and division facts.

Common Formative Assessment: Assessment tasks that teachers use to determine the next instructional activities for their students.

Explicit Vocabulary Instruction: Instruction in the terminology that is used in mathematics classes that goes beyond definitions, but focuses on student understanding of the concepts and symbols used in the language of mathematics; requires multiple experiences for depth of understanding.

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