

Mathematics CCRS Alignment Evaluation and Rating Tool

Title of Resource: Math Connection Grade 4 Source: Rainbow Bridge Publishing

Date: 2003

1. Rate the resource using the dimensions and evidence in the Mathematics CCRS Alignment Evaluation Tool.
2. Give an overall score for the resource and summarize the overall strengths and weaknesses of the resource, including best instructional context for use. (Ex. Resource best used for fluency building, not conceptual understanding)

Individual Dimension Rating Descriptors

Strong Alignment	Little to no revision needed. There is evidence in the resource to indicate that at least 80% of the dimension is met.
Modifications Necessary	There is evidence in the resource to indicate that at least 50% of the dimension is met. There <i>may</i> be potential to use the resource with revisions.
Weak Alignment	There is little to no evidence in the resource to indicate the dimension is met. Consider choosing another resource.

Criterion #1—Focus: Does the resource focus strongly where the standards focus, including relevant Standards for Mathematical Practice?

Dimension	Strong	Modifications Necessary	Weak
Dimension 1.1 Major Work of the Level (MWOTL)	X		
Dimension 1.2 Standards for Mathematical Practice	X		

Criterion #2—Rigor: Does the resource pursue conceptual understanding, procedural skill and fluency, and application with equal intensity?

Dimension	Strong	Modifications Necessary	Weak
Dimension 2.1 Conceptual Understanding		X	
Dimension 2.2 Procedural Skill and Fluency	X		
Dimension 2.3 Application		X	

Criterion #3—Coherence: Does the resource design learning around coherent progressions between levels and within the level?

Dimension	Strong	Modifications Necessary	Weak
Dimension 3.1 Coherence <u>Across</u> Levels		X	
Dimension 3.2 Coherence <u>Within</u> a Level		X	

Criterion #4—Structure, Support and Assessment: Does the resource provide structure and support for standards-aligned instruction and assessment?

Dimension	Strong	Modifications Necessary	Weak
Dimension 4.1 Instructional Supports	X		
Dimension 4.2 Assessment		X	

Overall Rating: Check one Strong Alignment Modifications Necessary Weak Alignment

Summary of key strengths and weakness:

This series could be used as a review or independent study, as well as in the classroom. This series spends the majority of its lessons on understanding and becoming fluent with mathematical operations. Whenever a new or more advanced concept is introduced, there is always instruction at the top of the page, so students might be able to figure out what to do by themselves. Also, most computational sections provide both pre-test and post-tests so assessment is satisfied. Answers are provided at the back of the book. I find this material especially good when students are absent but still need to learn the material they missed.

Where assessment is lacking is in the more minor topics covered, such as temperature, money, geometry and probability/statistics. These topics are introduced and some real-world problems are presented, but there needs to be more of those problems, and specifically adult-centered problems.