



Increased Discourse and Technology in Mathematics Instruction

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#62

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Prezi url http://prezi.com/2_keredzoh0m/nctm-62-increased-discourse-and-technology-in-mathematics-instruction/

Discourse + Technology/collaborative Learning = Fraction Success

Journal of Curriculum and Instruction (JoCI)

<http://www.joci.ecu.edu/index.php/JoCI/issue/view/JoCI-5-1>



Rubric for Fraction Problem Solving Using a Flow Map

Name: _____ Date: _____ Grade: _____

	Poor 1 pt	Fair 2 pts	Good 3 pts	Best 4 pts
Vocabulary Used	No correct vocabulary used. Avoided the terms altogether	1 or 2 correct Vocabulary words used	3 to 4 vocabulary words used Some correct.	5 or more All vocabulary words are correct and used at the precise time
Sequence of problem	No logical sequence at all	1 -2 steps shown are in the correct order.	3-4 steps are in the correct order	5 or more steps shown are in a logical order.
Accuracy of Solution	The solution is not correct	The solution comes close to the answer but falls short	The solution is correct but not written in simplest terms.	The solution is correct and written in the simplest terms.
Total				

Vocabulary possible: numerator, denominator, greatest common factor (GCF), least common denominator (LCD), simplify, reduce, add, subtract, multiply, divide, mixed number, improper fraction, whole number, fraction, cross cancel, reciprocal,