Delaware Department of Education: Professional Development Model Grade 4: Common Core Instructional Shifts: Rigor

TOPIC	ACTIVITY	FACILITATOR TIPS	MATERIALS	GROUPINGS
Slide 1		Title Page	• Pre-load both video clips	
Slides 2	Video: What is Rigor? http://vimeo.com/44524 812 Share out	Consider the following Questions **What is Rigor?** ➢ Identify the three components of rigor ➢ Describe the three components in your own words.	• Council of the Great City Schools Video: http://vimeo.com/44524812 • Video from: 33:46 – 47:50	Whole Group
Slide 3	Group Discussion			Small Group
Slide 4	Conceptual Understanding	Brainstorm ways to build conceptual understanding for students. (Make sure to address Bloom's Taxonomy and Mathematical Practices)		Whole Group
Slide 5-6	Fluency	Brainstorm ways to build and teach procedural skill and fluency in your classroom.		Whole Group
Slide 7	Procedural vs. Conceptual	Emphasize that even though students may be procedurally fluent, they may not have a conceptual understanding.		Whole Group
Slide 8	Application	Brainstorm ways to provide application of content in your classroom.		Whole Group
Slide 9	Rigor Card Sort	Read Directions on Slide: Sort problems into one of the three categories of Rigor. Be able to justify your reasoning.	• Pre-Cut Problems from Rigor Deep Drive Document	Small group/whole group
Slide 10	Action Plan	Discuss the next steps in professional development of the common core standards. Focus on the Mathematical Practices.	• Copy of Mathematical Practices and Blooms Taxonomy Posters	Whole Group

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