Washington State Math Fellows

CCSS INSTRUCTIONAL PRACTICE REFLECTION

Mathematically proficient students understand and use stated assumptions, definitions and previously established results in constructing arguments. They make conjectures and build a logical progression of statements to explore the truth of their conjectures. They justify their conclusions, communicate them to others and respond to the arguments of others.

Standard for Mathematical Practice #3
1. Construct viable arguments
2. Critique the reasoning of others

Reflect on your confidence to implement Mathematical Practice #3 in your own classroom. I can design and facilitate lessons that support…

Pre-Fellows (2014-15)				
…students in constructing viable arguments.	1 Never True	2 Rarely True	3 Sometimes True	4 Often True
Post-Fellows (2014-15)				
…students in constructing viable arguments.	1 Never True	2 Rarely True	3 Sometimes True	4 Often True

Pre-Fellows (2014-15)				
…students in critiquing the reasoning of others (their peers or a pre-stated conjecture).	1 Never True	2 Rarely True	3 Sometimes True	4 Often True
Post-Fellows (2014-15)				
…students in critiquing the reasoning of others (their peers or a pre-stated conjecture).	…students in critiquing the reasoning of others (their peers or a pre-stated conjecture).			

Pre-Fellows (2014-15)				
…posing purposeful questions that prompt students to share their developing thinking about the content of the lesson.	1 Never True	2 Rarely True	3 Sometimes True	4 Often True
Post-Fellows (2014-15)				
…posing purposeful questions that prompt students to share their developing thinking about the content of the lesson.	1 Never True	2 Rarely True	3 Sometimes True	4 Often True

Pre-Fellows (2014-15)				
… students having meaningful mathematical discourse.	1 Never True	2 Rarely True	3 Sometimes True	4 Often True

Post-Fellows (2014-15)				
… students having meaningful mathematical discourse.	1 Never True	2 Rarely True	3 Sometimes True	4 Often True

Pre-Fellows (2014-15)				
…provide students with opportunities to use and connect mathematical representations.	1 Never True	2 Rarely True	3 Sometimes True	4 Often True

Post-Fellows (2014-15)				
…provide students with opportunities to use and connect mathematical representations.	1 Never True	2 Rarely True	3 Sometimes True	4 Often True

Pre-Fellows (2014-15)				
… students ability to reason and problem solve.	1 Never True	2 Rarely True	3 Sometimes True	4 Often True

Post-Fellows (2014-15)				
… students ability to reason and problem solve.	1 Never True	2 Rarely True	3 Sometimes True	4 Often True