

K-12 Collaborative Walk-Through Tool

Date:	Period/Grade			
Teacher:			Walk-through #	
Teacher Initiated Focus:				
1. Focus on the Mathematics				
	Teacher and students can state the mathematical goal of the lesson/task			
	Lesson matches where the class should be at the time of the observation			
	The activity centers on mathematical understanding, invention and sense-making by all students			
2. Focus on Instruction				
2a. Identify Instructional Practices				
	Teacher introduces activity without compromising the demands of the task or explaining the math			
	Teacher observes and listens to students			
	Teacher asks probing questions: <ul style="list-style-type: none"> ▪ to clarify student thinking ▪ to assess and advance student understanding 			
	Teacher encourages students to build on one another's ideas			
	Teacher uses incorrect reasoning and answers to advance and deepen mathematical understanding			
	Teacher facilitates discussion around student sense-making and solutions			
	Teacher allows sufficient wait-time (at least 5 seconds)			
	Teacher supports multiple student solution strategies			
2b. Grouping Format				
	Whole group	Small Group	Pairs	Individual
3. Focus on the Learner				
	Student conjectures, generalizations justifications, "what if" questions, and invented procedures are the norm			
	Students use models, manipulatives, and other mathematical tools to make sense of ideas, solve problems, and invent procedures.			
	Students use multiple strategies to solve problems			
	Students explain their thinking orally and in written work			
	Students use mistakes to start new learning			
	Students justify why ideas do or don't work			
	Students ask questions of each other and not just of the teacher			
4. Focus on Classroom Culture				
	Students are familiar with classroom expectations			
	Students efficiently move into the activities			
	The necessary materials and tools are easily accessible			
	Classroom culture supports mathematical risk-taking and perseverance			
	Students work cooperatively and respectfully with each other			
	Students value each others' ideas and insights			
	Students listen actively and ask for clarification when they don't understand someone's methods or reasoning			