

Instructional Model to Promote Use of Standards for Mathematical Practice

		Component	Also known as	Explanation	Practice Standard
2. Devise a Plan	1. Understand the problem	Individual think time	"You do"	Start by giving students independent time to read and understand the problem and begin to devise a plan for solving the problem.	MP. 1, 7
		Discuss your reasoning with others	"You do together"	Students collaborate in small groups to discuss their understanding of the problem, compare strategies for solving it, and begin to work together toward a solution.	MP. 2, 3, 4, 5, 6
3. Carry out plan		Share out strategies, progress	"We do"	Students continue to work toward a solution while teacher facilitates whole class discussion of methods and strategies, highlighting important student contributions and supporting problem solving process through questioning.	MP. 3, 6
4. Look Back		Highlight various methods and solutions, important mathematics	"I do"	Teacher guides students in solution sharing, clarifies mathematical concepts and meaningful vocabulary, and points out features of the problem that will be important for future work.	MP. 1, 7, 8