
The Mathematics Teaching Rubric

Source: Silicon Valley Mathematics Initiative and the Robert Noyce Foundation

Tools: Equity/Teaching and Learning/Curriculum/Assessment

DESCRIPTION

The rubric shows to six areas related to effective teaching. Each area is provided four levels of proficiency. The document provides rich opportunities for teacher self-reflection as well as direction for coaches.

STRATEGIES FOR IMPLEMENTATION

Read and review the six identified areas: worthwhile tasks, the learning environment, teacher's role in discourse, students' role in discourse, tools for enhancing discourse, and teaching and learning analysis. Next, read the four levels of proficiency: exemplary teaching, successful teaching, improving teaching, and limited teaching.

Once the rubric format is understood and there is a basic concept about the six areas, carefully read through each of the "Exemplary Teaching" descriptions provided in the rubric. Reread these six exemplary descriptions highlighting key or critical words that best describe exemplary teaching for the six areas. Use the same procedure to read and study the remaining levels of proficiency for each of the areas and highlight only the key words that best describe current teaching behaviors.