

Resources for Preparing Middle School Mathematics Teachers | 9780883851906 | 2013 | 202 pages | Cheryl Beaver, Laurie J. Burton, Maria Gueorguieva Gargova Fung, Klay Kruczek | MAA, 2013

A Resource Guide for Middle School Mathematics Teachers. Suzanne Walsh Sierra Nevada College Master of Arts in Teaching Professional Project Spring, 2013. This project is lovingly dedicated to Paul, Emily, Daniel, and Timothy. As a Middle School Math teacher, I discovered that I use formative assessments frequently in my classes in order to inform my teaching and provide feedback to my students. This resource guide will be a helpful tool for teachers, and not just in the mathematics classroom. The primary goal is to provide middle school mathematics teachers with formative mathematic assessment activities and ideas on how to use and integrate them into their daily teaching practices. Middle school mathematics teachers occupy a unique place in the mathematical development of students. These teachers need to be proficient in all elementary mathematics topics, together with some secondary mathematics topics. They demand a special kind of preparation that differs from both that of their elementary and secondary colleagues. The Mathematics Education of Teachers (MET) document published by the Conference Board of the Mathematical Sciences set forth criteria for the preparation of mathematics middle school teachers which made it critical that special programs and courses for this teaching a mathematics methods course to a middle school cohort of pre-service teachers. This paper examines the experience had by one instructor within a pilot program " prior to examining the program as part of a group/cohort evaluation. The focus is on practical questions that arise in conversation and their answers from the perspective of an individual instructor. Without extensive practical experience in using appropriate technological resources it is difficult for teachers to integrate them into their lessons. Although our pre-service teachers are digital natives and have extensive experiences using technologies outside of the classroom, they have had few experiences with regards to the effective use of ICT generally or iPads specifically to support learning in the classroom. A great collection of free textbooks for mathematics, for all grades Year 3, 4, 5, 6, 7, 8, 9, 10, 11 & 12. Practice makes a big difference! Due to the current situation we are experiencing significant demand for tutoring. Fast track your enrolment online: Enrol Online Now. Private maths tutors that come to you in person or online.