



DESIGNING AND IMPLEMENTING HIGH YIELD STRATEGIES IN THREE-PART MATH LESSONS (GR. 3)

The completed project, *Designing and implementing high-yield strategies in three-part math lessons (Grade 3)*, provides twelve lessons across the five strands of mathematics recognized in the Revised Ontario Curriculum (Grades 1-8) Mathematics (2005). The lessons that were created will permit students to engage in active learning situations and to demonstrate student-generated solutions when solving open-ended problems. The intent of these lessons is to provide students with the opportunities to problem solve, to reason and to prove, to select tools and strategies, and to reflect on their own learning and the learning of others, as well as to connect to previous learning, to represent their thinking, and to communicate their learning. Each lesson is organized such that the lessons contain a “Getting Started” activity, a “Working On It” activity, and points for discussion during a “Reflect and Connect”/“What We Learned” component. Each lesson provides for Grade 3 teachers the prior knowledge required, lists of materials needed, sequenced instructions that encourage the use of high-yield strategies, and suggestions for related literature, follow-up activities, games, and/or summative evaluation tasks in the form of “exit cards”. All aspects of this project are reproducible for use by teachers in their classrooms.