

Overview-Mathematics Module

Focus of the module:

- The focus of this module will be on aiding parents in active involvement with increasing the fluency and computation of their child's mathematics achievement. Involvement of parents can dramatically influence the academic performance of the student.

Introduction:

- General techniques that can be used by the parent in any setting for providing assistance with mathematics such as using praise for effort rather than correct answers will be addressed. Specific strategies and techniques to aid in the learning of math and motivation will be addressed for both the home and school environments.

Learning Objectives:

- This module will address areas of common mathematics difficulty: computation skills, mathematics facts fluency, and mathematics application in the real world. Detailed procedures including timing, materials needed, and scheduling will be provided in addition to the research supporting the use of these procedures in the home and school settings. Specific strategies for parental use in the home that will be addressed include:
 - Interspersing Techniques
 - Explicit Timing
 - Cover, Copy, and Compare
 - Reciprocal Peer Tutoring with Parental Involvement

Suggestions & Handouts:

- Many of these strategies include components that the student can complete independently after instruction and guidance from his or her parent. Suggestions for strategy use with parents and paraprofessionals in the classroom will be given to aid teachers in the facilitation of mathematics fluency in the classroom.