

Math Audit Process

The Math Audit Process is designed to provide schools and districts with information on the alignment between their K - 8 Math programs and research-based best practices in math instruction. A major focus will be the alignment of the math programs to the NYS Learning Standards. It is a process that uses specially trained local teachers and administrators to give support, ideas, and feedback regarding enhancing math programs for the schools in our region. It is modeled after the Literacy Audit Process utilized by schools and districts in our region over the last three years.

The Math Audit Process will consist of four major components including:

1. Guided Self-Study
2. External Review
3. Action Planning
4. Implementation and Evaluation

The information gained through the process will assist districts in enhancing programs and in improving student achievement on State and local assessments.

The *Guided Self-Study* will focus on supporting building staff in assessing the alignment of building instructional practices with effective math practices. The time frame for the *Guided Self-Study* will vary by school district and will be dependent upon a variety of factors including the staff's ability to commit time to this initiative. We anticipate a 3 to 4 month process for completion of the *Guided Self-Study*. Support for the *Guided Self-Study* will include a one-day workshop for two facilitators from each school, a template for the self-study questions, data, and analysis, and assistance, if needed, in the process and the development of the report from BOCES ISS Staff.

After the completion of the *Guided Self-Study*, the school will participate in an *External Review*. We anticipate that the *External Review* will include a 2 day visit by a team of regional supervisory staff who has been trained in the process. Participating districts will be invited to participate in the training process. The purpose of the *External Review* is to provide feedback on the school's *Guided Self-Study* and ideas for improvement. Participating

districts will be invited to send two to three individuals to the training. Districts will then commit to assist other districts in no more than 2 External Reviews per year.

Action Planning will follow the External Review Report to districts. It will be focused on the recommendations provided in both the *Guided Self-Study* and the External Review reports. The school will develop a step-by-step action plan that will help in the implementation and improvement.

Implementation of the plan and evaluation of its success will complete the process. ISS staff will provide guidance and assistance as requested.

The Math Audit Process will be available for any DCMO BOCES component schools. It is designed to focus on a K-8 program. Plans for extending this to include high school are underway, depending upon the success of the implementation at this level. This process has been designed by DCMO BOCES ISS Department, modeled after the Literacy Audit Process presently being utilized by our component districts through Instructional Support Services.