



State of Wisconsin Department of Public Instruction

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Welcome

The Wisconsin Department of Public Instruction (DPI) is pleased to present this CD-ROM entitled *Planning Curriculum in Mathematics*. This guide is designed to help curriculum planners, developers, implementers, and evaluators as they ponder and build district mathematics programs. The heart of the document is designed to facilitate implementation of the standards, national and state, and addresses each of *Wisconsin's Model Academic Standards for Mathematics*:

- A. Mathematical Processes
- B. Number Operations and Relationships
- C. Geometry
- D. Measurement
- E. Statistics and Probability
- F. Algebraic Relationships

The opening chapters of the document discuss where mathematics is today and mathematics in Wisconsin, teaching and learning mathematics for understanding, CIA (curriculum, instruction, and assessment), and professional development. The closing chapters offer research analysis, underlying foundations in mathematics program development, how districts can look at mathematics program development, and the role of commitment and adaptability. Additionally, there are several appendices, with helpful sample forms, suggested school district mathematics standard levels, and so on.

We hope that this medium will enable educators to use the various strategies, activities, programs, and other resources it contains in applying the guide's frameworks to meet local needs.

To view the resources on this CD-ROM (in Adobe PDF format), double click the "CD Contents" file, which provides a listing of all the chapters in this guide. Click on any chapter to automatically link to and view that chapter. To view the *Wisconsin's Model Academic Standards for Mathematics*, double click on the Math Standard.pdf document.

A printed version of the *Planning Curriculum in Mathematics* and *Wisconsin's Model Academic Standards for Mathematics* can be purchased from the DPI Publication Sales Office at 800-243-8782, or www.dpi.state.wi.us/pubsales Please contact that office for order information.

Should you have any questions concerning this guide, please contact Jodean Grunow, Mathematics Consultant, at (608) 266-7712, jodean.grunow@dpi.state.wi.us .

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