

The Math Gateway

9/22/06

[The Math Gateway](#), funded in 2004, is one of nine pathway projects funded by the NSF NSDL Program over the last three years, one of six disciplinary [pathway projects](#). [The other disciplinary pathway projects with the year of funding are [comPADRE](#) (physics, 2005), [BEN BiosciEdNet](#) (biology, 2005), [MatDL](#) (materials science, 2005), [Engineering Pathway](#) (2005), and [ChemEd Dlib](#) (Chemistry, 2006).] It is an outgrowth of MathDL and of the Mathematical Sciences Conference Group on Digital Educational Resources (Conference Group).

The Conference Group, composed of individuals representing digital libraries and others with an interest in math on the Web, has met annually at MAA headquarters in Washington, DC. This group provided the initial partners for the Math Gateway and, for the last two years, has met as the partners group for the Math Gateway. (The [2006 Meeting](#) was held April 6-8.) In addition to discussing problems of common interest, the Conference Group has created a [Core Taxonomy](#) for online mathematics learning objects. This taxonomy has served as the foundation for the subject metadata classification in the Math Gateway.

The Math Gateway features a keyword search over the holdings of the individual contributing partners. The search may be restricted to a subset of all partners and may be refined. In addition, there is a daily Math in the News column, This Day in Mathematics (supplied by *Convergence*, a MathDL component). For registered users, the My Library section enables the user to establish a community with access to some of his/her materials and discussion boards. We expect to begin adding new partners and new materials by the end of the year.