

MathDL and Math Gateway

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National Science Digital Library

The National Science, Technology, Engineering, and
Mathematics Education Digital Library

An NSF Program begun in 2000

nsdl.org

Math Collections in NSDL

- CAUSEWeb
- Ethnomathematics Digital Library
- iLumina
- Math Forum
- MathWorld
- NSDL Middle School Portal
- MathDL

New NSDL Model (2004)

NSDL



Pathway Projects



Collections & Services

Current Pathway Projects

- Biological Sciences (AAAS)
- Chemistry (ACS and JCE)
- Computational Science (Shodor)
- Engineering (NEEDS and Teach Engineering)
- Materials Science (MatDL at Kent State)
- Community and Technical Colleges (AMSER at U. of Wisconsin)

Current Pathway Projects (cont.)

- Physics and Astronomy (AAPT and ComPADRE)
- Middle School (from ENC at Ohio State)
- Multimedia Resources (Teachers' Domain at WGBH)
- Mathematical Sciences (Math Gateway at MAA)

Math Gateway: Background

- Mathematical Sciences Digital Library
- Mathematical Sciences Conference Group on Digital Educational Resources (became the Math Gateway Partners Group)

Math Gateway Partners

- MathDL
- Math Forum
- MathWorld
- iLumina
- Demos with Positive Impact
- National Curve Bank
- Connected Curriculum Project

Math Gateway Partners (cont.)

- Mathematics Survey
- Causeweb.org
- Virtual Laboratories in Probability and Statistics
- NSDL Middle School Portal
- Ethnomathematics Digital Library
- PlanetMath

Math Gateway Partners

(not supplying materials)

- WebODE
- WeBWork
- Eduworks
- MERLOT
- College Board

Proposed changes

On May 30, the joint advisory board for MathDL and Math Gateway agreed to merge the two projects.

Specifically, Math Gateway and MathDL will merge into a project that will become the MAA NSDL pathway project, but will retain the MathDL name.

Proposed changes (cont'd)

The Journal of Online Mathematics and its Applications (JOMA), Digital Classroom Resources (DCR), and Convergence will merge into a single online publication to be entitled Journal of Online Mathematics (JOM).

Proposed changes (cont'd)

The current Math Gateway My Library capabilities will be maintained for collecting personal links to selected materials and for small group discussions.

RSS feeds and other push technology will be implemented.

Proposed changes (cont'd)

JOMA, DCR, and Convergence continue to publish quality articles/materials available to anyone on the web.

MAA Reviews and Classroom Capsules and Notes will continue to be accessible as privileges of MAA membership or by subscription.

AMSER & CSERD

Questions?

Thank you!

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