

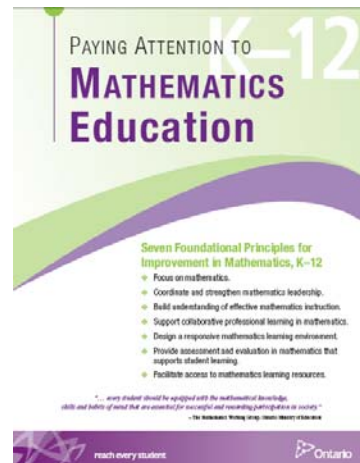
# LNS Math Resources GAINS Navigation,

<http://www.edugains.ca/newsite/lns/index.html#>

- LNS Home
- Curriculum Documents
- Foundational Principles
- Effective Instruction Guides
- Monographs
- Webcasts *see page 2*
- Parent Resources

### Curriculum Documents

- The Ontario Curriculum Grades 1-8: Mathematics
- Full Day Early Learning – Kindergarten Program



### Effective Instruction Guides

- A Guide to Effective Instruction in Mathematics, Kindergarten to Grade 3
- A Guide to Effective Instruction in Mathematics, Kindergarten to Grade 6
- A Guide to Effective Instruction in Mathematics, Kindergarten to Grade 6: Number Sense and Numeration, Grades 4 - 6
- A Guide to Effective Instruction in Mathematics, Kindergarten to Grade 6: Geometry and Spatial Sense, Grades 4 - 6
- A Guide to Effective Instruction in Mathematics, Kindergarten to Grade 6: Measurement, Grade 4 - 6
- A Guide to Effective Instruction in Mathematics, Kindergarten to Grade 6: Patterning and Algebra, Grades 4 - 6
- A Guide to Effective Instruction in Mathematics, Kindergarten to Grade 6: Data Management and Probability, Grades 4 - 6

### Parent Resources

- Helping Your Child Do Mathematics
- ABC123

### Monographs *see page 2*

- Capacity Building Series
- What Works Series

# Capacity Building Series

## Capacity Building Series

Asking Effective Questions in Mathematics	<a href="#">PDF</a> 1.79 M
Maximizing Student Mathematical Learning in the Early Years	<a href="#">PDF</a> 853 K
Bansho (Board Writing)	<a href="#">PDF</a> 1 M
Bansho Insert	<a href="#">PDF</a> 95 K
Collaborative Teacher Inquiry	<a href="#">PDF</a> 678 K
Communicating in the Mathematics Classroom	<a href="#">PDF</a> 948 K
Differentiating Mathematics Instruction	<a href="#">PDF</a> 347 K

# What Works Series

## What Works Series

Word Problems – Connecting language, mathematics and life	<a href="#">PDF</a> 280 K
Learning Mathematics vs Following “Rules”: The Value of Student-Generated Methods	<a href="#">PDF</a> 553 K
Student Interaction in the Math Classroom: Stealing Ideas or Building Understanding	<a href="#">PDF</a> 363 K
ESL in the Mathematics Classroom	<a href="#">PDF</a> 2.7 M

# Webcasts

## Webcasts

High-yield Strategies for Improving Mathematics Instruction and Student Learning	<a href="#">Video</a>
Engaging Students in Mathematics	<a href="#">Video</a>
Honouring Student Voice in Mathematics	<a href="#">Video</a>
Teaching Mathematics Through a Social Justice Lens	<a href="#">Video</a>
Three Part Lesson in Mathematics: Co-planning, Co-teaching and Supporting Student Learning	<a href="#">Video</a>
Through the Eye of the Learner: From student work to teacher practice	<a href="#">Video</a>
Differentiating Mathematics Instruction	<a href="#">Video</a>
Kindergarten Matters: Building Blocks for Learning	<a href="#">Video</a>
Learning Mathematics Within Contexts	<a href="#">Video</a>
Making Mathematics Accessible to All Students	<a href="#">Video</a>
Coaching for Student Success in Mathematics	<a href="#">Video</a>
Mathematical Knowledge for Teaching with Dr. Deborah Loewenberg Ball	<a href="#">Video</a>