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Thinking Maps Research Summary

- Inviting Explicit Thinking: Thinking Maps Professional Development* 2001
Masters Degree Thesis by Sarah Curtis
Antioch New England Graduate School, New Hampshire
Summary: Using interviews, teacher and student documents, and surveys, this study shows how Thinking Maps training and follow-up directly support teacher thinking and reflection
- Integrating Thinking Maps into the Fourth Grade Curriculum* 2001
Masters Project by Jeanine Matt-Kawryga
University of Syracuse, New York
Summary: After a brief overview, this work systematically shows how Thinking Maps have been used effectively in every discipline in fourth grade urban classrooms in Syracuse, NY
- Are middle school students using Thinking Maps in Writing?* 2000
Masters Project by Jennifer L. Hindman
The College of William and Mary, Virginia
Summary: This study showed that more than half of the 1,000 students used a visual tool during test taking; students need more than one year of use before internalizing these tools.
- The Effects of Thinking Maps on Reading Scores* 1998
Dissertation by Marjann Kalehoff Ball
University of Southern Mississippi
Summary: A highly significant correlation was found between the use of Thinking Maps and reading comprehension scores of college students using the Stanford Diagnostic Reading Test.
- The Effects of Thinking Maps on Reading Retention* 1998
Masters Project by Melanie H. Blount
Catawba College, North Carolina
Summary: This results of this study indicate improvement in reading comprehension by underachieving 4th grade students in an inner city school.
- Thinking Maps for Multiple Modes of Understanding* 1993
Dissertation by David Hyerle
University of California, Berkeley
Summary: The conceptual and theoretical foundations for using Thinking Maps as tools for personal, interpersonal, and social understandings is established in this study.

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School Based Test Score Results

"Thinking Maps Test Scores Summary: Appendix A" 2000
included in "A Field Guide to Using Visual Tools" (ASCD, 2000)
by David Hyerle, Ed.D.

Reports on Test Scores with Testimonials, included in 2000
Visual Tools: From Graphic Organizers to Thinking Maps
(Elementary and Secondary Editions: Video Journal, 2000)

Qualitative Documentation

"The Metacognitive School: Creating a Community Where 1999
Children and Adults Reflect on Their Work"
Professional Development, Thinking Maps, and Metacognition
by Dr. Jeffrey Spiegel
(The New Hampshire Journal of Education,
Plymouth State College, Volumn II, p.48-56)

"Addressing Two Questions with Many Stones" 2000
Action Research with eleven 2nd grade classrooms
by Bob Fardy, Science Coordinator, Concord MA
in A Field Guide to Using Visual Tools (ASCD, p.22-28)

"A Portrait of Organizational Change and Continuity" 1996
Principal Barbara Bell in Miami-Dade
in Visual Tools for Constructing Knowledge, (ASCD; p.121-124)

Published Chapters and Articles

"Thinking Maps for Developing Minds" in Developing Minds, Vol III in press

"Thinking Maps: Visual Tools for Activating Habits of Mind" 2001
in Costa and Kallick: Engaging and Activating Habits of Mind, (ASCD, 2001)

"Thinking Maps: Seeing is Understanding" 1996
by David Hyerle, Ed.D.
in Educational Leadership, Volume 53, NO.4 (p.85-89)

"Thinking Maps: A Common Visual Language for Learning" 1996
in Visual Tools for Constructing Knowledge, (ASCD, p. 95-116)

"Expand Your Thinking" programs for teaching thinking 1991
by David Hyerle, in Developing Minds; Arthur Costa, Editor (ASCD)