

Educational Resource Center

Mathematics Education Resources

Revised September 2005



Clement C. Maxwell Library
10 Shaw Road
Bridgewater, MA 02325
508.531.304
www.bridgew.edu/Library/erc.cfm

Bridgewater State College

Collection Name	Location Designation*		
	Old		New
Children's Non-fiction	C	or	Child Non-fic
Children's Fiction	C	or	Child Fic
Picture Books	P	or	Pic
Young Adult Non-fiction	Y	or	Young Ad. Non-fic
Young Adult Fiction	Y	or	Young Ad. Fic
Any other ERC collection	Cur Lib ... (e.g., Cur Lib Gen)	or	ERC ... (e.g., ERC Gen)

* In order to avoid any potential confusion, we are now using more specific designations for our locations. Beginning in 2006, items received will use the new designations.

The mathematics resources contained in this guide support the national and state endeavor in promoting the integrated teaching and learning of mathematics, science, and technology. These standards-based curriculum resources have been provided to the Educational Resources Center through funding from the Commonwealth of Massachusetts PALMS (Partnerships Advancing the Learning of Mathematics and Science) Project. The PALMS Project was a program initiated by the Massachusetts Department of Education in conjunction with the National Science Foundation in the 1990's. Its goal was to improve the way mathematics and science are taught and learned in pre-kindergarten through grade 12 classrooms throughout the state. In continuing this goal, the focus remains to strengthen mathematics and science literacy for all students in Massachusetts.

Addition and Subtraction

- | | |
|--|---|
| Cur Lib PALMS
QA 135 .5
I 54 v.7 | Economopoulos, Karen and others. <u>Investigations in Number, Data, and Space, Grade 4 (Money, Miles and Large Numbers)</u> . Dale Seymour Publications, 1995. |
| Cur Lib PALMS
QA 135 .5
I 52 v.5 | Economopoulos, Karen and Susan Jo Russell. <u>Investigations in Number, Data, and Space, Grade 2 (Putting Together and Taking Apart)</u> . Dale Seymour Publications, 1997. |
| Cur Lib PALMS
QA 135 .5
I 51 v.5 | Kliman, Marlene and Susan Jo Russell. <u>Investigations in Number, Data, and Space, Grade 1 (Number Games and Story Problems)</u> . Dale Seymour Publications, 1998. |
| Cur Lib PALMS
QA 135 .5
I 53 v.7 | Mokros, Jan and Susan Jo Russell. <u>Investigations in Number, Data and Space, Grade 3 (Combining and Comparing)</u> . Dale Seymour Publications, 1995. |

Algebra

- Cur Lib PALMS
QA 107 M 383
Strand 2 b.f. Britannica Mathematics in Context: Building Formulas
(Grades 7-8). Encyclopedia Britannica Educational Corporation, 1998. (student guide and teacher guide)
- Cur Lib PALMS
QA 107 M 383
Strand 2 c.q. Britannica Mathematics in Context: Comparing Quantities
(Grades 6-7). Encyclopedia Britannica Educational Corporation, 1998. (student guide and teacher guide)
- Cur Lib PALMS
QA 107 M 383
Strand 2 d.m. Britannica Mathematics in Context: Decision Making
(Grades 7-8). Encyclopedia Britannica Educational Corporation, 1998. (student guide and teacher guide)
- Cur Lib PALMS
QA 107 M 383
Strand 2 d.a.w. Britannica Mathematics in Context: Dry and Wet Numbers
(Grades 5-6). Encyclopedia Britannica Educational Corporation, 1997. (student guide and teacher guide)
- Cur Lib PALMS
QA 107 M 383
Strand 2 e.a.f. Britannica Mathematics in Context: Expressions and Formulas (Grades 6-7). Encyclopedia Britannica Educational Corporation, 1998. (student guide and teacher guide)
- Cur Lib PALMS
QA 107 M 383
Strand 2 g.t.m. Britannica Mathematics in Context: Get the Most Out of It
(Grades 8-9). Encyclopedia Britannica Educational Corporation, 1998. (student guide)
- Cur Lib PALMS
QA 107 M 383
Strand 2 g.e. Britannica Mathematics in Context: Graphing Equations
(Grades 8-9). Encyclopedia Britannica Educational Corporation, 1998. (student guide)
- Cur Lib PALMS
QA 107 M 383
Strand 2 o.p. Britannica Mathematics in Context: Operations
(Grades 6-7). Encyclopedia Britannica Educational Corporation, 1998. (student guide and teacher guide)
- Cur Lib PALMS
QA 107 M 383
Strand 2 p.a.f. Britannica Mathematics in Context: Patterns and Figures
(Grades 8-9). Encyclopedia Britannica Educational Corporation, 1998. (student guide)
- Cur Lib PALMS
QA 107 M 383
Strand 2 p.a.s. Britannica Mathematics in Context: Patterns and Symbols
(Grades 5-6). Encyclopedia Britannica Educational Corporation, 1997. (student guide and teacher guide)
- Cur Lib PALMS
QA 107 M 383
Strand 2 t.g. Britannica Mathematics in Context: Tracking Graphs
(Grades 6-7). Encyclopedia Britannica Educational Corporation, 1998. (student guide and teacher guide)
- Cur Lib PALMS
QA 107 M 383
Strand 2 u.a.d. Britannica Mathematics in Context: Ups and Downs
(Grades 7-8). Encyclopedia Britannica Educational Corporation, 1998. (student guide and teacher guide)

- Cur Lib PALMS
QA 107 C 643 Cooper, John and others. College Preparatory Mathematics 3: Algebra 2 (secondary level). CPM Educational Program, 1995. (includes student books v. 1 and 2; teacher edition)
- Cur Lib PALMS
QA 107 M 38loa
s.g. and t.g. Creative Publications. Mathscape: The Language of Algebra: Equations, Tables, and Graphs (middle school). Creative Publications, 1998.
- Cur Lib PALMS
QA 107 M 38pi
s.g. and t.g. Creative Publications. Mathscape: Patterns in Numbers and Shapes: Using Algebraic Thinking (middle school). Creative Publications, 1998.
- Cur Lib PALMS
QA 107 C 641 Dietiker, Leslie and others. College Preparatory Mathematics 1: Algebra 1 (secondary level). CPM Educational Program, 1997. (includes student books v. 1 and 2; teacher edition)
- Cur Lib PALMS
QA 152 .2 C 66 Fey, James T. and others. Concepts in Algebra: A Technological Approach (secondary level). Janson Publications, 1995.
- Cur Lib PALMS
QA 152 .2
C66 1999 Fey, James T. and others. Concepts in Algebra: A Technological Approach. Chicago, IL: Everyday Learning Corporation, 1999. (includes answer key, assessments book, instructor's guide, and teaching masters) (secondary level)
- Cur Lib PALMS
QA 159 F 77
s.e. and t.e. Lappan, Glenda and others. Frogs, Fleas, and Painted Cubes: Quadratic Relationships (Grade 8). Dale Seymour Publications, 1998.
- Cur Lib PALMS
QA 159 G 78
s.e. and t.e. Lappan, Glenda and others. Growing, Growing, Growing: Exponential Relationships (Grade 8). Dale Seymour Publications, 1998.
- Cur Lib PALMS
QA 159 M 68
(t.e. and s.e.) Lappan, Glenda and others. Moving Straight Ahead: Linear Relationships (Grade 7). Dale Seymour Publications, 1997.
- Cur Lib PALMS
QA 159 S 28
t.e. Lappan, Glenda and others. Say It with Symbols: Algebraic Reasoning (Grade 8). Dale Seymour Publications, 1998. (**student edition missing**)
- Cur Lib PALMS
QA 159 T 48
t.e. Lappan, Glenda and others. Thinking with Mathematical Models: Representing Relationships (Grade 8). Dale Seymour Publications, 1998.
- Cur Lib PALMS
QA 159 V 37
(t.e. and s.e) Lappan, Glenda and others. Variables and Patterns: Introducing Algebra (Grade 7). Dale Seymour Publications, 1997.

Cur Lib PALMS
QA 152 .2
W 33
Wah, Anita and Henri Picciotto. Algebra: Themes, Tools, Concepts. Creative Publications, 1994.
(series includes textbook, t.e. and t.r.)

Calculus

Cur Lib PALMS
QA 303 C74
Bartkovich, Kevin G. and others. Contemporary Calculus Through Applications. Janson Publications, 1996-1997.
(secondary level) (includes instructor's guide, text, and solutions guide)

Cur Lib PALMS
QA 303 .3 P 74
College Entrance Examination Board & Educational Testing Service. Precalculus Through Modeling 1997-1998
(high school). College Entrance Examination Board, 1997.

Cur Lib PALMS
QA 331 .3 C67
g.c.l.m.
Goebel, John and others. Graphing Calculator Lab Manual: Casio 7700G/Graphing Calculator Lab Manual: TI-81™ TI-82™. (high school level)Janson Publications, 1995.

Cur Lib PALMS
QA 331 .3 C67
North Carolina School of Science and Mathematics.
Contemporary Precalculus Through Applications: Functions, Data Analysis and Matrices. (high school level)
Janson Publications, 1992-1993.
(answer key, assessment resource, instructor's guide, and supplementary resource book)

Charts and Graphs

Cur Lib PALMS
QA 107 M 38wd
s.g.
Creative Publications. Mathscape: What Does the Data Say?: Graphs and Averages (middle school). Creative Publications, 1998. **(student guide only; teacher guide lost)**

Cur Lib PALMS
QA 135 .5 I55
1998 v.7
Technical Education Research Center. Investigations in Number, Data, and Space: Grade 5 (Patterns of Change). Menlo Park, CA: Dale Seymour, 1998. (student activity booklet)

Cur Lib PALMS
QA 135 .5
I 54 v.8
Tierney, Cornelia and others. Investigations in Number, Data, and Space, Grade 4 (Graphs: Changes Over Time). Dale Seymour Publications, 1995.

Cur Lib PALMS
135 .5
I 55 v.7
Tierney, Cornelia and others. Investigations in Number, Data, and Space, Grade 5 (Tables and Graphs: Patterns of Change). Dale Seymour Publications, 1996.

Critical Thinking Skills

Cur Lib PALMS Buchholz, Don. Chris's Story/Paula & Bob's Story
BC 177 B 83 (middle grades/junior high). University of Hawaii, 1994.
15 copies

Estimation and Measurement Concepts

Cur Lib PALMS Creative Publications. Mathscape: Mathematics of Motion:
QA 107 M 38mo Distance, Speed, and Time, Student Guide (middle school).
s.g. Creative Publications, 1998.

Cur Lib PALMS Economopoulos, Karen and others. Investigations in Number,
QA 135 .5 Data, and Space, Grade 3 (Measuring and Data: From Paces
I 53 v.4 to Feet). Dale Seymour Publications, 1995.

Cur Lib PALMS Goodrow, Anne and others. Investigations in Number, Data,
QA 135 .5 and Space, Grade 2 (Measurement: How Long? How Far?).
I 52 v.6 Dale Seymour Publications, 1997.

Cur Lib PALMS Lawrence Hall of Science. Equals Investigations, Telling
QA 135 .5 Someone Where to Go: A Middle-School Mathematics Unit
E 65ts Focusing on Measurement of Distance and Angle. (grades 6-9)
University of California at Berkeley, 1994.

Cur Lib PALMS Seymour, Dale. Estimeasure: Estimation and Measurement
QA 465 S 49 Activities (grades 3-8). Dale Seymour Publications,
1994.

Cur Lib PALMS Sneider, Cary I. Height-o-meters: Teacher's Guide
Q 181 G 43hom (grades 6-10). Great Explorations in Math and Science/
t.g. Lawrence Hall of Science, 1996.

Cur Lib PALMS Technical Education Research Center. Investigations in
QA 135 .5 I55 Number, Data, and Space: Grade 5 (Measurement
1998 v.6 Benchmarks). Menlo Park, CA: Dale Seymour, 1998.
(student activity booklet)

Cur Lib PALMS Tierney, Cornelia and others. Investigations in Number, Data,
QA 135 .5 and Space, Grade 5 (Estimating and Measuring: Measurement
I 55 v.6 Benchmarks). Dale Seymour Publications, 1996.

Cur Lib PALMS Wright, Tracey, Jan Mokros and Susan Jo Russell. Investigations
QA 135 .5 in Number, Data, and Space, Grade 1 (Measuring: Bigger,
I 51 v.6 Taller, Heavier, Smaller). Dale Seymour Publications, 1998.

Fractions, Decimals, Ratios, and Percents

- Cur Lib PALMS
QA 135 .5
I 55 v.3 Akers, Joan and others. Investigations in Number, Data and Space, Grade 5 (Fractions, Percents, and Decimals: Name That Portion). Dale Seymour Publications, 1996.
- Cur Lib PALMS
QA 135 .5
I 54 v.11 Berle-Carman, Mary and others. Investigations in Number, Data, and Space, Grade 4 (Data and Fractions: Three out of Four Like Spaghetti). Dale Seymour Publications, 1995.
- Cur Lib PALMS
QA 107 M 383
Strand 1 c.n. Britannica Mathematics in Context: Cereal Numbers. (Grades 7-8) Encyclopedia Britannica Educational Corporation, 1998. (student guide and teacher guide)
- Cur Lib PALMS
QA 107 M 383
Strand 1 f.t. Britannica Mathematics in Context: Fraction Times (Grades 6-7). Encyclopedia Britannica Educational Corporation, 1998. (student guide and teacher guide)
- Cur Lib PALMS
QA 107 M 383
Strand 1 g.s. Britannica Mathematics in Context: Grasping Sizes (Grades 5-6). Encyclopedia Britannica Educational Corporation, 1997. (student guide and teacher guide)
- Cur Lib PALMS
QA 107 M 383
Strand 1 m.f.m. Britannica Mathematics in Context: Measure for Measure (Grades 5-6). Encyclopedia Britannica Educational Corporation, 1997. (student guide and teacher guide)
- Cur Lib PALMS
QA 107 M 383
Strand 1 m.o.l. Britannica Mathematics in Context: More or Less (Grades 6-7). Encyclopedia Britannica Educational Corporation, 1998. (student guide)
- Cur Lib PALMS
QA 107 M 383
Strand 1 p.s. Britannica Mathematics in Context: Per Sense (Grades 5-6). Encyclopedia Britannica Educational Corporation, 1997. (student guide and teacher guide)
- Cur Lib PALMS
QA 107 M 383
Strand 1 r.a.r. Britannica Mathematics in Context: Ratios and Rates (Grades 6-7). Encyclopedia Britannica Educational Corporation, 1998. (student guide and teacher guide)
- Cur Lib PALMS
QA 107 M 383
Strand 1 s.o.t. Britannica Mathematics in Context: Some of the Parts (Grades 5-6). Encyclopedia Britannica Educational Corporation, 1997. (student guide and teacher guide)
- Cur Lib PALMS
QA 117 R381 Cramer, Kathleen and others. Rational Number Project: Fraction Lessons for the Middle Grades, Level 1. Kendall/Hunt Publishing Co., 1997.
- Cur Lib PALMS
QA 117 R382 Cramer, Kathleen and others. Rational Number Project: Fraction Lessons for the Middle Grades, Level 2. Kendall/Hunt Publishing Co., 1997.

- Cur Lib PALMS
QA 107 M 38bb
s.g. Creative Publications. Mathscape: Buyer Beware: Rates, Ratios, Percents, and Proportions, Student Guide (middle school). Creative Publications, 1998.
- Cur Lib PALMS
QA 107 M 38fz
s.g. Creative Publications. Mathscape: From Zero to One and Beyond: Fractions, Decimals, and Percents, Student Guide (middle school). Creative Publications, 1998.
- Cur Lib PALMS
QA 107 M 38np
s.g. Creative Publications. Mathscape: Number Powerhouse: Operating with Fractions, Decimals, and Percents, Student Guide (middle school). Creative Publications, 1998.
- Cur Lib PALMS
QA 141 .15
B 581 t.e. Lappan, Glenda and others. Bits and Pieces I: Understanding Rational Numbers (Grade 6). Dale Seymour Publications, 1996.
- Cur Lib PALMS
QA 141 .15
B 582 t.e. Lappan, Glenda and others. Bits and Pieces II: Using Rational Numbers (Grade 6). Dale Seymour Publications, 1996.
- Cur Lib PALMS
QA 141 .15
C 65 s.e. & t.e. Lappan, Glenda and others. Comparing and Scaling: Ratio, Proportion, and Percent (grade 7). Dale Seymour Publications, 1998.
- Cur Lib PALMS
QA 107 M 54
v. 3 t.s.b. Lappan, Glenda and others. Similarity and Equivalent Fractions (middle grades). Addison-Wesley Publishing Company, 1986.
- Cur Lib PALMS
QA 135 .5 I55
1998 v.3 Technical Education Research Center (TERC). Investigations in Number, Data, and Space: Grade 5 (Name That Portion). Menlo Park, CA: Dale Seymour, 1998. (student activity booklet)
- Cur Lib PALMS
QA 135 .5
I 53 v.9 Tierney, Cornelia and Mary Berle-Carman. Investigations in Number, Data, and Space, Grade 3 (Fractions: Fair Shares). Dale Seymour Publications, 1995.
- Cur Lib PALMS
QA 135 .5
I 54 v.5 Tierney, Cornelia and others. Investigations in Number, Data, and Space, Grade 4 (Different Shapes, Equal Pieces). Dale Seymour Publications, 1995.

Geometry/Spatial Concepts

- Cur Lib PALMS
QA 135 .5
I 52 v.4 Akers, Joan and others. Investigations in Number, Data, and Space Grade 2 (Shapes, Halves, and Symmetry). Dale Seymour Publications, 1997.
- Cur Lib PALMS
QA 135 .5
I 55 v.8 Battista, Michael T. and Mary Berle-Carman. Investigations in Number, Data, and Space, Grade 5 (3-D Geometry: Volume - Containers and Cubes). Dale Seymour Publications, 1996.

- Cur Lib PALMS
QA 135 .5
I 53 v.10
- Battista, Michael T. and Douglas H. Clements. Investigations in Number, Data, and Space, Grade 3 (3-D Geometry: Exploring Solids and Boxes). Dale Seymour Publications, 1995.
- Cur Lib PALMS
QA 135 .5
I 54 v.3
- Battista, Michael T. and Douglas H. Clements. Investigations in Number, Data, and Space, Grade 4 (3-D Geometry: Seeing Solids and Silhouettes). Dale Seymour Publications, 1995.
- Cur Lib PALMS
QA 462 B38
- Battista, Michael T. Shape Makers: Developing Geometric Reasoning with the Geometer's Sketchpad. Berkeley, CA: Key Curriculum Press, 1998. (blackline masters with 2 disks, 1 Macintosh and 1 Windows) (grades 5-8)
- Cur Lib PALMS
QA 462 B461
- Bennett, Dan. Exploring Geometry with the Geometer's Sketchpad. Berkeley, CA: Key Curriculum Press, 1999. (blackline activity masters with 2 disks, 1 Macintosh and 1 Windows) (secondary level)
- Cur Lib PALMS
QA 462 .B46
- Bennett, Dan. Pythagoras Plugged In: Proofs and Problems for the Geometer's Sketchpad. Berkeley, CA: Key Curriculum Press, 1995. (blackline activity masters and 2 disks, 1 Macintosh and 1 Windows) (secondary level)
- Cur Lib PALMS
QA 107 M 383
Strand 3 f.a.t.
- Britannica Mathematics in Context: Figuring All the Angles (Grades 5-6). Encyclopedia Britannica Educational Corporation, 1997. (student guide and teacher guide)
- Cur Lib PALMS
QA 107 M 383
Strand 3 l.a.a.
- Britannica Mathematics in Context: Looking at An Angle (Grades 7-8). Encyclopedia Britannica Educational Corporation, 1998. (student guide and teacher guide)
- Cur Lib PALMS
QA 107 M 383
Strand 3 m.a.m.
- Britannica Mathematics in Context: Made to Measure (Grades 6-7). Encyclopedia Britannica Educational Corporation, 1998. (student guide and teacher guide)
- Cur Lib PALMS
QA 107 M 383
Strand 3 p.a.p.
- Britannica Mathematics in Context: Packages and Polygons (Grades 7-8). Encyclopedia Britannica Educational Corporation, 1998. (student guide and teacher guide)
- Cur Lib PALMS
QA 107 M 383
Strand 3 r.e.
- Britannica Mathematics in Context: Reallotment (Grades 6-7). Encyclopedia Britannica Educational Corporation, 1998. (student guide and teacher guide)
- Cur Lib PALMS
QA 107 M 383
Strand 3 s.s
- Britannica Mathematics in Context: Side Seeing (Grades 5-6). Encyclopedia Britannica Educational Corporation, 1997. (student guide and teacher guide)
- Cur Lib PALMS
QA 107 M 383
Strand 3 t.a.b.
- Britannica Mathematics in Context: Triangles and Beyond (Grades 7-8). Encyclopedia Britannica Educational Corporation, 1998. (2 student guides and teacher guide)

- Cur Lib PALMS
QA 107 M 383
Strand 3 t.a.p. Britannica Mathematics in Context: Triangles and Patchwork
(Grades 8-9). Encyclopedia Britannica Educational Corporation, 1998. (student guide)
- Cur Lib PALMS
QA 135 .5 B841
g.b. Burns, Marilyn. Mathematics with Manipulatives: Geoboards. Cuisenaire Company of America, 1988. (elementary level) (teacher discussion guide and video)
- Cur Lib PALMS
QA 135 .5 B841
p.b. Burns, Marilyn. Mathematics with Manipulatives: Pattern Blocks. Cuisenaire Company of America, 1988. (elementary level) (teacher discussion guide and video) (integrates concepts of shapes and fractions)
- Cur Lib PALMS
QA 135 .5 B841
s.m. Burns, Marilyn. Mathematics with Manipulatives: Six Models. Cuisenaire Company of America, 1988. (elementary level) (teacher discussion guide and video)
- Cur Lib PALMS
QA 135 .5
I 55 v.2 Clements, Doug and others. Investigations in Number, Data, and Space, Grade 5 (2-D Geometry: Picturing Polygons). Dale Seymour Publications, 1996.
- Cur Lib PALMS
QA 135 .5
I 53 v.3 Clements, Douglas H. and others. Investigations in Number, Data, and Space, Grade 3 (2-D Geometry: Flips, Turns, and Area). Dale Seymour Publications, 1995.
- Cur Lib PALMS
QA 135 .5
I 54 v.10 Clements, Douglas H. and others. Investigations in Number, Data, and Space, Grade 4 (Sunken Ships and Grid Patterns). Dale Seymour Publications, 1995.
- Cur Lib PALMS
QA 135 .5
I 53 v.8 Clements, Douglas H. and others. Investigations in Number, Data, and Space, Grade 3 (2-D Geometry: Turtle Paths). Dale Seymour Publications, 1995.
- Cur Lib PALMS
QA 135 .5 M 385
gr. 1-2 v. 3 Confer, Chris. Math By All Means: Geometry, Grades 1-2. Math Solutions Publications, 1994.
- Cur Lib PALMS
QA 107 M 38gi
s.g. and t.g. Creative Publications. Mathscape: Getting in Shape: Exploring Two-Dimensional Figures (middle school). Creative Publications, 1998.
- Cur Lib PALMS
QA 107 M 38ra
s.g. and t.g. Creative Publications. Mathscape: Roads and Ramps: Slopes, Angles, and Ratios (middle school). Creative Publications, 1998.
- Cur Lib PALMS
QA 107 M 38sa
s.g. Creative Publications. Mathscape: Shapes and Space: Thinking Three-Dimensionally, Student Guide (middle school). Creative Publications, 1998.

- Cur Lib PALMS
QA 107 M 38ds
s.g. and t.g.
- Creative Publications. Mathscape: Designing Spaces: Visualizing, Planning, and Building (middle school). Creative Publications, 1998.
- Cur Lib PALMS
QA 462 D58
- Discovering Geometry with the Geometer's Sketchpad. Berkeley, CA: Key Curriculum Press, 1997. (blackline masters and 2 disks, 1 Macintosh and 1 Windows) (secondary level)
- Cur Lib PALMS
QA 135 .5
I5 v.5
- Economopoulos, Karen and others. Investigations in Number, Data, and Space: Making Shapes and Building Blocks. White Plains, NY: Dale Seymour Publications, 1998. (grades K-1)
- Cur Lib PALMS
QA 462 G46
- The Geometer's Sketchpad (computer file): Dynamic Geometry for the 21st Century (Macintosh version 3). Berkeley, CA: Key Curriculum Press, 1995. (secondary level) (includes 3 computer disks, teaching notes & sample activities book, user guide and reference manual, and video – “Welcome to the Sketchpad Classroom”)
- Cur Lib PALMS
QA 462 G47
- The Geometer's Sketchpad (computer file): Dynamic Geometry for the 21st Century (Windows version 3.0). Berkeley, CA: Key Curriculum Press, 1995. (secondary level) (includes 2 computer disks, teaching notes & sample activities book, user guide and reference manual, and video – “Welcome to the Sketchpad Classroom”)
- Cur Lib PALMS
Q 181 G 43bif
t.g.
- Gonsalves, Philip and Jaine Kopp. Build It! Festival: Teacher's Guide (grades K-6). Great Explorations in Math and Science/Lawrence Hall of Science, 1997.
- Cur Lib PALMS
T 353 M 485
1997
- Helsel, Jay D. and Byron Urbanick. Mechanical Drawing: CAD-Communications, 12th edition. Glencoe/McGraw-Hill, 1997. (secondary and post-secondary level) (student text, student workbook, and teacher resource binder)
- Cur Lib PALMS
NA 2700 H 4
1998
- Hepler, Donald E. and others. Architecture: Drafting and Design. Glencoe/McGraw-Hill, 1998. (secondary/post-secondary level)
- Cur Lib PALMS
QA 107 C 642
- Hoey, Brian and others. College Preparatory Mathematics 2: Geometry (secondary level). CPM Educational Program, 1994. (includes student books v. 1 and 2; supplemental exercises book; teacher edition)
- Cur Lib PALMS
Q 181 G 43sli
e.g.
- Jagoda, Susan and others. Shapes, Loops & Images: Exhibit Guide (all ages). Great Explorations in Math and Science/Lawrence Hall of Science, [199-].

- Cur Lib PALMS
QA 462 .K56 King, James R. Geometry Through the Circle: with the Geometer's Sketchpad. Berkeley, CA: Key Curriculum Press, 1996. (blackline activity masters and 2 disks, 1 Macintosh and 1 Windows) (secondary level)
- Cur Lib PALMS
QA 461 C 68
(t.e. and s.e.) Lappan, Glenda and others. Covering and Surrounding: Two-Dimensional Measurement (Grade 6). Dale Seymour Publications, 1996.
- Cur Lib PALMS
QA 461 F 54
(t.e. and s.e.) Lappan, Glenda and others. Filling and Wrapping: Three-Dimensional Measurement (Grade 7). Dale Seymour Publications, 1997.
- Cur Lib PALMS
QA 461 K 39
s.e and t.e. Lappan, Glenda and others. Kaleidoscopes, Hubcaps, and Mirrors: Symmetry and Transformations (Grade 8). Dale Seymour Publications, 1998.
- Cur Lib PALMS
QA 461 L 63
s.e. and t.e. Lappan, Glenda and others. Looking for Pythagoras: The Pythagorean Theorem (Grade 8). Dale Seymour Publications, 1998.
- Cur Lib PALMS
QA 461 R 83
(t.e. and s.e.) Lappan, Glenda and others. Ruins of Montarek: Spatial Visualization (Grade 6). Dale Seymour Publications, 1996.
- Cur Lib PALMS
QA 461 S 45
t.e. Lappan, Glenda and others. Shapes and Designs: Two-Dimensional Geometry (Grade 6). Dale Seymour Publications, 1996.
- Cur Lib PALMS
QA 461 S 77 t.e. Lappan, Glenda and others. Stretching and Shrinking: Similarity (Grade 7). Dale Seymour Publications, 1997.
- Cur Lib PALMS
QA 135 .5
E 65fs Lawrence Hall of Science. Equals Investigations, Flea-Sized Surgeons: A Middle-School Mathematics Unit Focusing on Surface Area, Volume, and Scale. (grades 6-9) University of California, 1994.
- Cur Lib PALMS
QA 135 .5
M 55 Middle Grades Math Kit. Cuisenaire Learning Materials. Cuisenaire Company of America, 1989(?). (non-circulating instructional aid)
- Cur Lib PALMS
QA 135 .5 M 385
gr. 5-6 v. 1 Rectanus, Cheryl. Math By All Means: Area and Perimeter, Grades 5-6. Math Solutions Publications, 1997.
- Cur Lib PALMS
QA 135 .5 M 385
gr. 3-4 v. 3 Rectanus, Cheryl. Math By All Means: Geometry, Grades 3-4. Math Solutions Publications, 1994.

- Cur Lib PALMS
QA 135 .5
I 51 v.4
Russell, Susan Jo, Douglas H. Clements and Julie Sarama. Investigations in Number, Data, and Space, Grade 1 (Quilt Squares and Block Towns). Dale Seymour Publications, 1998.
- Cur Lib PALMS
QA 462 S25
Sanders, Cathi. Perspective Drawing with the Geometer's Sketchpad. Berkeley, CA: Key Curriculum Press, 1994. (blackline masters and 2 disks, 1 Macintosh and 1 Windows) (secondary level)
- Cur Lib PALMS
QA 462 .S35
Scher, David. Exploring Conic Sections with the Geometer's Sketchpad. Berkeley, CA: Key Curriculum Press, 1995. (blackline activity masters and 2 disks, 1 Macintosh and 1 Windows) (secondary level)
- Cur Lib PALMS
QA 461 .S47
Serra, Michael. Discovering Geometry: An Inductive Approach, 2nd edition. Berkeley, CA: Key Curriculum Press, 1997. (grades 9-12) (includes quizzes, tests and exams book with computer optical disc; student text; teacher's guide and answer key; teacher's resource book with 2 computer disks [1 Windows version, 1 Macintosh version]) (secondary level)
- Cur Lib PALMS
QA 462 .S44
Shaffer, David. Exploring Trigonometry with the Geometer's Sketchpad. Berkeley, CA: Key Curriculum Press, 1995. (blackline activity masters and 2 disks, 1 Macintosh and 1 Windows) (secondary level)
- Cur Lib PALMS
QA 107 M 54
v. 1 t.s.b.
Shroyer, Janet and William Fitzgerald. Mouse and Elephant: Measuring Growth (middle grades). Addison-Wesley Publishing Company, 1986.
- Cur Lib PALMS
T 353 S 58 1995
Spencer, Henry C. and others. Basic Technical Drawing. Glencoe/McGraw-Hill, 1995. (secondary/post-secondary level) (student text and instructor's resource guide)
- Cur Lib PALMS
QA 135 .5 I55
1998 v.8
Technical Education Research Center (TERC). Investigations in Number, Data, and Space: Grade 5 (Containers and Cubes). Menlo Park, CA: Dale Seymour, 1998. (student activity booklet)
- Cur Lib PALMS
QA 135 .5 I55
1998 v.2
Technical Education Research Center (TERC). Investigations in Number, Data, and Space: Grade 5 (Picturing Polygons). Menlo Park, CA: Dale Seymour, 1998. (student activity booklet)
- Cur Lib PALMS
QA 462 W95
Wyatt, Karen W. and others. Geometry Activities for Middle School Students with the Geometer's Sketchpad. Berkeley, CA: Key Curriculum Press, 1998. (blackline masters with 2 disks, 1 Macintosh and 1 Windows) (grades 5-8)

- Cur Lib PALMS
QA 107 M 54 Winter, Mary J. and others. Spatial Visualization (middle grades). Addison-Wesley Publishing Company, 1986.
- Cur Lib PALMS
T 385 .W6 Wohlers, Terry T. Applying AutoCAD: A Step-By-Step Approach for AutoCAD Release 14. Glencoe/McGraw-Hill, 1998.

Integrated Mathematical Concepts

- Cur Lib PALMS
QA 135 .5 B47 Bell, Max and others. Everyday Mathematics. Everyday Learning Corporation, 1998. (series covers grades K-5)
- Cur Lib PALMS
QA 39 .2 B42
1998 vols. 1-3 Berlinghoff, William P. and others. Math Connections: A Secondary Mathematics Core Curriculum. Armonk, NY: It's About Time, Inc., 1998. (each volume includes accompanying blackline masters, assessment forms, and teacher edition)
- Cur Lib PALMS
QA 135 .5 B541 Billstein, Rick and Jim Williamson. Middle Grade Math Thematics: Book 1. McDougal Littell, 1999. (includes teacher edition and a variety of teacher resource materials)
- Cur Lib PALMS
QA 135 .5 B542 Billstein, Rick and Jim Williamson. Middle Grade Math Thematics: Book 2. McDougal Littell, 1999. (includes teacher edition and a variety of teacher resource materials)
- Cur Lib PALMS
QA 135 .5 B543 Billstein, Rick and Jim Williamson. Middle Grade Math Thematics: Book 3. McDougal Littell, 1999. (includes teacher edition and a variety of teacher resource materials)
- Cur Lib PALMS
Q 181 G 43mat
t.g. Braxton, Beverly and others. Math Around the World: Teacher's Guide (Grades 5-8). Great Explorations in Math and Science/Lawrence Hall of Science, 1995.
- Cur Lib PALMS
QA 75 R 41 Brueningsen, Chris and others. Real-World Math with the CBL System: 25 Activities Using the CBL and TI-82 (junior/senior high school). Texas Instruments, 1994.
- Cur Lib PALMS
Q 181 I 43fd Center for Mathematics, Science, and Technology Education. Forecasting: Discovering, Simplifying, and Applying Patterns (junior/senior high school). Center for Mathematics, Science, and Technology Education, Illinois State University, 1996. (this module examines the theme and principles of flight)
- Cur Lib PALMS
QA 107 M 36
Gr. K, 1, 2, 3, 4,
5, 6 g.b. Charles, Linda and others. MathLand: Journey Through Mathematics. Creative Publications, 1995-1998. (each grade level has individual guidebook)

Cur Lib PALMS 135 .5 C641 Part A	Coxford, Arthur F. <u>Contemporary Mathematics in context: A Unified Approach: Course 1</u> . Everyday Learning, 1998. (high school level) (includes assessment resources, student text, teacher's guide, teaching resources, and implementing book)
Cur Lib PALMS QA 135 .5 C641 Part B	Coxford, Arthur F. <u>Contemporary Mathematics in context: A Unified Approach: Course 1</u> . Everyday Learning, 1998. (high school level) (includes assessment resources, student text, teacher's guide, teaching resources, and implementing book)
Cur Lib PALMS QA 135 .5 C642 Part A	Coxford, Arthur F. <u>Contemporary Mathematics in context: A Unified Approach: Course 2</u> . Everyday Learning, 1998. (high school level) (includes assessment resources, student text, teacher's guide, teaching resources, and implementing book)
Cur Lib PALMS QA 135 .5 C642 Part B	Coxford, Arthur F. <u>Contemporary Mathematics in context: A Unified Approach: Course 2</u> . Everyday Learning, 1998. (high school level) (includes assessment resources, student text, teacher's guide, teaching resources, and implementing book)
Cur Lib PALMS QA 107 M 38ft s.g. and t.g.	Creative Publications. <u>Mathscape: From the Ground Up: Modeling, Measuring, and Constructing Homes</u> (middle school). Creative Publications, 1998.
Cur Lib PALMS QA 107 M 38gd s.g.	Creative Publications. <u>Mathscape: Getting Down to Business: Functions and Spreadsheets, Student Guide</u> (middle school). Creative Publications, 1998.
Cur Lib PALMS QA 135 .5 I 52 v.1	Economopoulos, Karen and others. <u>Investigations in Number, Data, and Space, Grade 2 (Mathematical Thinking at Grade 2)</u> . Dale Seymour Publications, 1997.
Cur Lib PALMS QA 135 .5 I5 v.1	Economopoulos, Karen and Megan Murray. <u>Investigations in Number, Data, and Space: Mathematical Thinking in Kindergarten</u> . Menlo Park, CA: Dale Seymour Publications, 1998. (grade K)
Cur Lib PALMS QA 135 .5 I5 v.2	Eston, Rebeka and Karen Economopoulos. <u>Investigations in Number, Data, and Space: Pattern Trains and Hopscotch Paths</u> . Menlo Park, CA: Dale Seymour Publications, 1998. (grade K)
Cur Lib PALMS QA 159 I 57aaa	Fendel, Dan and others. <u>All About Alice, Teacher's Guide: Interactive Mathematics Program: Integrated High School Mathematics, Year 2</u> . Key Curriculum Press, 1998.

Cur Lib PALMS QA 159 I 56bc s.m.	Fendel, Dan and others. <u>Baker's Choice: A Unit of High School Mathematics: Student Materials</u> . Key Curriculum Press, 1996.
Cur Lib PALMS QA 159 I 56bc t.g.	Fendel, Dan and others. <u>Baker's Choice: A Unit of High School Mathematics: Teacher's Guide and Student Blackline Masters</u> . Key Curriculum Press, 1996.
Cur Lib PALMS QA 159 I 57coo	Fendel, Dan and others. <u>Cookies, Teacher's Guide: Interactive Mathematics Program: Integrated High School Mathematics, Year 2</u> . Key Curriculum Press, 1998.
Cur Lib PALMS QA 159 I 57dbb	Fendel, Dan and others. <u>Do Bees Build It Best?, Teacher's Guide: Interactive Mathematics Program: Integrated High School Mathematics, Year 2</u> . Key Curriculum Press, 1998.
Cur Lib PALMS QA 159 I 56	Fendel, Dan and others. <u>Interactive Mathematics Program: Integrated High School Mathematics, Year 1</u> . Key Curriculum Press, 1997.
Cur Lib PALMS QA 159 I 57	Fendel, Dan and others. <u>Interactive Mathematics Program: Integrated High School Mathematics, Year 2</u> . Key Curriculum Press, 1998.
Cur Lib PALMS QA 159 I 57itr	Fendel, Dan and others. <u>Is There Really a Difference?, Teacher's Guide: Interactive Mathematics Program: Integrated High School Mathematics, Year 2</u> . Key Curriculum Press, 1998.
Cur Lib PALMS QA 159 I 56ot	Fendel, Dan and others. <u>The Overland Trail, Teacher's Guide: Interactive Mathematics Program: Integrated High School Mathematics, Year 1</u> . Key Curriculum Press, 1997.
Cur Lib PALMS QA 159 I 56pat	Fendel, Dan and others. <u>Patterns, Teacher's Guide: Interactive Mathematics Program: Integrated High School Mathematics, Year 1</u> . Key Curriculum Press, 1997.
Cur Lib PALMS QA 159 I 56pip	Fendel, Dan and others. <u>The Pit and the Pendulum, Teacher's Guide: Interactive Mathematics Program: Integrated High School Mathematics, Year 1</u> . Key Curriculum Press, 1997.
Cur Lib PALMS QA 159 I 56sha	Fendel, Dan and others. <u>Shadows, Teacher's Guide: Interactive Mathematics Program: Integrated High School Mathematics, Year 1</u> . Key Curriculum Press, 1997.
Cur Lib PALMS QA 159 I 57si	Fendel, Dan and others. <u>Solve It!, Teacher's Guide: Interactive Mathematics Program: Integrated High School Mathematics, Year 2</u> . Key Curriculum Press, 1998.

- Cur Lib PALMS
QA 9 .7 M3
Garfunkel, Solomon A. and others. Mathematics, Course 1: Modeling Our World. Cincinnati, OH: South-Western Educational Publishing, 1998. (for use with grade 9) (includes student text, video, CD-ROM, solutions manual, and teacher's resources book only; **annotated teacher edition is lost**)
- Cur Lib PALMS
QA 9 .7 M32
Garfunkel, Solomon A. and others. Mathematics, Course 2: Modeling Our World. Cincinnati, OH: South-Western Educational Publishing, 1998. (for use with grade 10) (includes student text, teacher's annotated edition, video, CD-ROM, solutions manual, and teacher's resources book)
- Cur Lib PALMS
QA 135 .5 G77
gr. K
Irons, Calvin J. and others. Growing with Mathematics: Grade K: (Mathematics from Many Cultures). Mimosa Publications, 1992-1997. (series includes variety of teaching materials)
- Cur Lib PALMS
QA 135 .5 G77
gr. 1
Irons, Calvin J. and Paul R. Trafton. Growing with Mathematics: Grade 1: (Mathematics from Many Cultures). Mimosa Publications, 1992-1998. (series includes variety of teaching materials)
- Cur Lib PALMS
QA 135 .5 G77
gr. 2
Irons, Calvin J. and Paul R. Trafton. Growing with Mathematics: Grade 2: (Mathematics from Many Cultures). Mimosa Publications, 1992-1998. (series includes variety of teaching materials)
- Cur Lib PALMS
QA 135 .5 G77
gr. 3
Irons, Calvin J. and Paul R. Trafton. Growing with Mathematics: Grade 3: (Mathematics from Many Cultures). Mimosa Publications, 1993-1998. (series includes variety of teaching materials)
- Cur Lib PALMS
QA 135 .5 G77
gr. K
Irons, Calvin J. and others. Growing with Mathematics: Grade K: (Mathematics from Many Cultures). Mimosa Publications, 1992-1997. (series includes variety of teaching materials)
- Cur Lib PALMS
QA 135 .5 G77
gr. 1
Irons, Calvin J. and Paul R. Trafton. Growing with Mathematics: Grade 1: (Mathematics from Many Cultures). Mimosa Publications, 1992-1998. (series includes variety of teaching materials)
- Cur Lib PALMS
QA 135 .5 G77
gr. 2
Irons, Calvin J. and Paul R. Trafton. Growing with Mathematics: Grade 2: (Mathematics from Many Cultures). gr. 2 Mimosa Publications, 1992-1998. (series includes variety of teaching materials)
- Cur Lib PALMS
QA 135 .5 G77
gr. 3
Irons, Calvin J. and Paul R. Trafton. Growing with Mathematics: Grade 3: (Mathematics from Many Cultures). Mimosa Pub., 1993-1998. (series includes variety of teaching materials)

- Cur Lib PALMS
QA 135 .5
G 77 Gr. 4
Irons, Calvin J. and Thomas E. Rowan. Growing with Mathematics [grade 4]: Teacher's Resource and Activity File. Mimosa Publications, 1997.
- Cur Lib PALMS
QA 135 .5
G 77 Gr. 5
Irons, Calvin J. and Thomas E. Rowan. Growing with Mathematics [grade 5]: Teacher's Resource and Activity File. Mimosa Publications, 1998.
- Cur Lib PALMS
QA 135 .5
G 77 Gr. 1
Irons, Calvin J. and Paul R. Trafton. Growing with Mathematics [grade 1]: Teacher's Resource and Activity File. Mimosa Publications, 1998.
- Cur Lib PALMS
QA 135 .5
G 77 Gr. 2
Irons, Calvin J. and Paul R. Trafton. Growing with Mathematics [grade 2]: Teacher's Resource and Activity File. Mimosa Publications, 1998.
- Cur Lib PALMS
QA 135 .5
G 77 Gr. 3
Irons, Calvin J. and Paul R. Trafton. Growing with Mathematics [grade 3]: Teacher's Resource and Activity File. Mimosa Publications, 1997.
- Cur Lib PALMS
QA 135 .5
G 77 Gr. K
Irons, Rosemary R. Growing with Mathematics [grade K]: Teacher's Resource and Activity File. Mimosa Publications, 1996.
- Cur Lib PALMS
QA 135 .5 M9
c.2
Kleiman, Glenn M. and Elizabeth D. Bjork. My Travels with Gulliver (middle grades). Pleasantville, NY: Wings for Learning, 1991.
- Cur Lib PALMS
QA 135 .5
I 51 v.1
Kliman, Marlene and others. Investigations in Number, Data, and Space, Grade 1 (Mathematical Thinking at Grade 1). Dale Seymour Publications, 1998.
- Cur Lib PALMS
QA 135 .5
I 55 v.1
Kliman, Marlene and others. Investigations in Number, Data, and Space, Grade 5 (Mathematical Thinking at Grade 5). Dale Seymour Publications, 1998.
(includes 2 copies of Many Squares Poster)
- Cur Lib PALMS
Q 181 G 43fm
t.g.
Kopp, Jaine. Frog Math: Predict, Ponder, Play - Teacher's Guide (grades K-3). Great Explorations in Math and Science/Lawrence Hall of Science, 1995.
- Cur Lib PALMS
QA 135 .5
E 65gp
Lawrence Hall of Science. Equals Investigations, Growth Patterns: A Middle-School Mathematics Unit Focusing on Linear and Exponential Growth Functions (grades 6-9). University of California at Berkeley, 1994.
- Cur Lib PALMS
QA 135 .5
E 65rr
Lawrence Hall of Science. Equals Investigations, Remote Rulers: A Middle-School Mathematics Unit Focusing on the Relationship Between Algebraic Graphs and Graphs from Real Data Involving Direct and Inverse Variation (grades 6-9). University of California at Berkeley, 1994.

Cur Lib PALMS 135 .5 M 3601ep	<u>Math Trailblazers: A Mathematical Journey Using Science and Language Arts, Grade K.</u> Kendall/Hunt Publishing Co., 1998. (non-circulating instructional aid)
Cur Lib PALMS QA 135 .5 M 361 kit	<u>Math Trailblazers: A Mathematical Journey Using Science and Language Arts, Grade 1.</u> Kendall/Hunt Publishing Co., 1997. (non-circulating instructional aid)
Cur Lib PALMS QA 135 .5 M 362 kit	<u>Math Trailblazers: A Mathematical Journey Using Science and Language Arts, Grade 2.</u> Kendall/Hunt Publishing Co., 1997. (non-circulating instructional aid)
Cur Lib PALMS QA 135 .5 M 363 kit	<u>Math Trailblazers: A Mathematical Journey Using Science and Language Arts, Grade 3.</u> Kendall/Hunt Publishing Co., 1997. (non-circulating instructional aid)
Cur Lib PALMS QA 135 .5 M 363ep kit	<u>Math Trailblazers: A Mathematical Journey Using Science and Language Arts, Grade 3.</u> Kendall/Hunt Publishing Co., 1997. (non-circulating instructional aid)
Cur Lib PALMS QA 135 .5 M 364	<u>Math Trailblazers: A Mathematical Journey Using Science and Language Arts, Grade 4.</u> Kendall/Hunt Publishing Co., 1998. (non-circulating instructional aid)
Cur Lib PALMS QA 135 .5 M 365	<u>Math Trailblazers: A Mathematical Journey Using Science and Language Arts, Grade 5.</u> Kendall/Hunt Publishing Co., 1998. (non-circulating instructional aid)
Cur Lib PALMS QA 39 .2 S 51 Levels 1 & 2	Montana Council of Teachers of Mathematics. <u>Integrated Mathematics: A Modeling Approach Using Technology (SIMMS Integrated Mathematics)</u> (grades 9-12). Needham Heights, MA: Simon & Schuster Custom Publishing, 1996- . (student books and teacher editions are included for each level).
Cur Lib PALMS QA 11 M 547	O'Connor, Vincent F. and others. <u>Mission Mathematics: Linking Aerospace and the NCTM Standards</u> (grades 5-8). National Council of Teachers of Mathematics, 1997.
Cur Lib PALMS QA 107 I 51 Levels 1-3	Rubenstein, Rheta N. and others. <u>Integrated Mathematics (Levels 1, 2, 3)</u> (Grades 9-12). McDougal Littell, 1998. (there are three separate levels; each includes teacher edition, student book, explorations lab manual, project book, solution key, assessment book with answer key)
Cur Lib PALMS QA 135 .5 I 53 v.1	Russell, Susan Jo and Karen Economopoulos. <u>Investigations in Number, Data, and Space, Grade 3 (Mathematical Thinking at Grade 3).</u> Dale Seymour Publications, 1995.

- Cur Lib PALMS
QA 135 .5
I 54 v.1
Tierney, Cornelia. Investigations in Number, Data, and Space, Grade 4 (Mathematical Thinking at Grade 4). Dale Seymour Publications, 1995.
- Cur Lib PALMS
QA 135 .5
B47 gr. 6
University of Chicago, School Mathematics Project. Everyday Mathematics, Sixth Grade. Chicago, IL: Everyday Learning Corporation, 1999. (series contents include guide for administrators & teachers, Journals 1 & 2 student workbooks, teacher's resource book, reference manual, student reference book, assessment manual, & teacher's lesson guide.)
- Cur Lib PALMS
QA 39 .2 S5
Levels 1-6
University of Montana. The SIMMS Project: Systemic Initiative for Montana Mathematics and Science Project (grades 9-12). Needham Heights, MA: Simon & Schuster Custom Publishing, 1993-. (there are six separate levels; series includes multiple copies of assessment books, student books, and teacher editions for each level).

Mathematical Problem-Solving

- Cur Lib PALMS
QA 135 .5
B79
Burns, Marilyn. A Collection of Math Lessons: From Grades 3 Through 6. Math Solutions Publications, 1987.
- Cur Lib PALMS
QA 11 B 83
Burns, Marilyn and Cathy Humphreys. A Collection of Math Lessons: From Grades 6 Through 8. Math Solutions Publications, 1990.
- Cur Lib PALMS
QA 107 M 38wc
s.g.
Creative Publications. Mathscape: What Comes Next?: Modeling and Predicting, Student Guide (middle school). Creative Publications, 1998.
- Cur Lib PALMS
QA 135 .5
I 52 v.7
Economopoulos, Karen and Tracey Wright. Investigations in Number, Data, and Space, Grade 2 (Collecting and Data: How Many Pockets? How Many Teeth?). Dale Seymour Publications, 1997.
- Cur Lib PALMS
Q 181 G 43gs
t.g.
Goodman, Jan M. Group Solutions: Cooperative Logic Activities: Teacher's Guide (grades K-4). Great Explorations in Math and Science/Lawrence Hall of Science, 1997.
- Cur Lib PALMS
QA 276 .12
D37 t.e.
Lappan, Glenda and others. Data Around Us: Number Sense (Grade 7). Dale Seymour Publications, 1997.
(Note: student edition missing)
- Cur Lib PALMS
QA 135 .5
I 52 v.3
Russell, Susan Jo, Rebecca Corwin and Karen Economopoulos. Investigations in Number, Data, and Space, Grade 2 (Sorting and Classifying Data: Does It Walk, Crawl, or Swim?). Dale Seymour Publications, 1997.

- Cur Lib PALMS
QA 95 S72e Stenmark, Jean Kerr and others. Family Math. Lawrence Hall of Science, University of California, 1986. (covers grades K-8)
- Cur Lib PALMS
QA 95 S72s Stenmark, Jean Kerr and others. Matematica Para La Familia. Lawrence Hall of Science, University of California, 1987.
- Cur Lib PALMS
QA 135 .5
I 51 v.3 Wright, Tracey and Jan Mokros. Investigating in Number, Data, and Space, Grade 1 (Collecting and Sorting Data: Survey Questions and Secret Rules). Dale Seymour Pubs, 1998.

Multiplication and Division

- Cur Lib PALMS
QA 135 .5
I 54 v.2 Economopoulos, Karen and others. Investigations in Number, Data, and Space, Grade 4 (Arrays and Shares). Dale Seymour Publications, 1995.
- Cur Lib PALMS
QA 135 .5
I 54 v.9 Economopoulos, Karen and others. Investigations in Number, Data, and Space, Grade 4 (Packages and Groups). Dale Seymour Publications, 1995.
- Cur Lib PALMS
QA 107 M 54
v. 2 t.s.b. Fitzgerald, William and others. Factors and Multiples (middle grades). Addison-Wesley Publishing Company, 1986.
- Cur Lib PALMS
QA 135 .5
I 55 v.5 Kliman, Marlene and others. Investigations in Number, Data, and Space, Grade 5 (Building on Numbers You Know). Dale Seymour Publications, 1996.
- Cur Lib PALMS
QA 141 .15
P 75 s.e. & t.e. Lappan, Glenda and others. Prime Time: Factors and Multiples (elementary/middle grades). Dale Seymour Publications, 1998.
- Cur Lib PALMS
QA 135 .5 M 385
gr. 3-4 v. 1 Ohanian, Susan and Marilyn Burns. Math By All Means: Division, Grades 3-4. Math Solutions Publications, 1995.
- Cur Lib PALMS
QA 135 .5 I55
1998 v.5 Technical Education Research Center (TERC). Investigations in Number, Data, and Space: Grade 5 (Building on Numbers You Know). Menlo Park, CA: Dale Seymour, 1998. (student activity booklet)
- Cur Lib PALMS
135 .5
I 53 v.2 Tierney, Cornelia and others. Investigations in Number, Data, and Space, Grade 3 (Things That Come in Groups). Dale Seymour Publications, 1995.

Number Concepts and Relationships

- Cur Lib PALMS
QA 107 M 383
Strand 1 p.o.t. Britannica Mathematics in Context: Powers of Ten (Grades 7-8).
Encyclopedia Britannica Educational Corporation, 1998.
(student guide and teacher guide)
- Cur Lib PALMS
QA 135 .5 M 385
gr. 1-2 v. 4 Burns, Marilyn. Math By All Means: Place Value, Grades 1-2. Math Solutions Publications, 1994.
- Cur Lib PALMS
QA 135 .5 B841
b.t.b. Burns, Marilyn. Mathematics with Manipulatives: Base Ten Blocks. Cuisenaire Company of America, 1988.
(elementary level) (teacher discussion guide and video)
- Cur Lib PALMS
QA 135 .5 B841
c.t. Burns, Marilyn. Mathematics with Manipulatives: Color Tiles. Cuisenaire Company of America, 1988.
(elementary level) (teacher discussion guide and video)
- Cur Lib PALMS
QA 135 .5 B841
c.r. Burns, Marilyn. Mathematics with Manipulatives: Cuisenaire Rods. Cuisenaire Company of America, 1988.
(elementary level) (teacher discussion guide)
- Cur Lib PALMS
QA 135 .5 M 385
gr. 1-2 v. 1 Crawford, Jane. Math By All Means: Money, Grades 1-2.
Math Solutions Publications, 1996.
- Cur Lib PALMS
QA 107 M 38lon
s.g. Creative Publications. Mathscape: The Language of Numbers: Inventing and Comparing Number Systems (middle school).
Creative Publications, 1998. **(s.g. only; teacher guide lost)**
- Cur Lib PALMS
QA 107 M 38mm
s.g. Creative Publications. Mathscape: Making Mathematical Arguments: Generalizing About Numbers, Student Guide
(middle school). Creative Publications, 1998.
- Cur Lib PALMS
QA 135 .5
I 52 v.2 Economopoulos, Karen and Susan Jo Russell. Investigations in Number, Data, and Space, Grade 2 (The Number System: Coins, Coupons, and Combinations). Dale Seymour Publications, 1997.
- Cur Lib PALMS
QA 135 .5
I5 v.6 Kliman, Marlene and others. Investigations in Number, Data, and Space: How Many in All? White Plains, NY:
Dale Seymour Publications, 1998. (grades K-1)
- Cur Lib PALMS
QA 135 .5
I51 v.2 Kliman, Marlene and Susan Jo Russell. Investigations in Number, Data, and Space, Grade 1 (The Number System: Building Number Sense). Dale Seymour Publications, 1998.
- Cur Lib PALMS
QA 141 .15
A 25 s.e. & t.e. Lappan, Glenda and others. Accentuate the Negative: Integers (grade 7). Dale Seymour Publications, 1998.

- Cur Lib PALMS
QA 141 .15
B 581 s.e. & t.e. Lappan, Glenda and others. Bits and Pieces I: Understanding Rational Numbers (grade 6). Dale Seymour Publications, 1998.
- Cur Lib PALMS
QA 141 .15
B 582 s.e. & t.e. Lappan, Glenda and others. Bits and Pieces II: Using Rational Numbers (grade 6). Dale Seymour Publications, 1998.
- Cur Lib PALMS
QA 276 .12
D 37 t.e. Lappan, Glenda and others. Data Around Us: Number Sense (grade 7). Dale Seymour Publications, 1997. **(student ed. lost)**
- Cur Lib PALMS
QA 135 .5
E 65sm Lawrence Hall of Science. Equals Investigations, Scatter Matters: A Middle-School Mathematics Unit Focusing on Scatterplots, Correlation, and Cause and Effect. (grades 6-9) University of California, 1994.
- Cur Lib PALMS
QA 135 .5
I5 v.3 Murray, Megan and others. Investigations in Number, Data, and Space: Collecting, Counting, and Measuring. Menlo Park, CA: Dale Seymour Pub., 1998. (grade K)
- Cur Lib PALMS
QA 141 .15
R5 s.g. (c.1-3) Richardson, Kathy. A Look at Children's Thinking, Study Guide. Educational Enrichment, Inc., 1990.
- Cur Lib PALMS
QA 141 .15
R5 video 1 Richardson, Kathy. A Look at Children's Thinking, Video I: (Assessment Techniques: Beginning Number Concepts). Educational Enrichment, 1990. **(note: video 2 missing)**
- Cur Lib PALMS
QA 135 .5
I 53 v.5 Russell, Susan Jo and Andee Rubin. Investigations in Number, Data, and Space, Grade 3 (Landmarks in the Hundreds). Dale Seymour Publications, 1995.
- Cur Lib PALMS
QA 135 .5
I 54 v.4 Russell, Susan Jo and Andee Rubin. Investigations in Number, Data, and Space, Grade 4 (Landmarks in the Thousands). Dale Seymour Publications, 1995.
- Cur Lib PALMS
QA 135 .5 I55
1998 v.1 pts.1&2 Technical Education Research Center (TERC). Investigations in Number, Data and Space: Mathematical Thinking at Grade 5. Menlo Park, CA: Dale Seymour, 1998. (student activity booklet)
- Cur Lib PALMS
QA 135 .5 Tierney, Cornelia and others. Investigations in Number, Data, and Space, Grade 3 (Up and Down the Number Line). I 53 v.6 Dale Seymour Publications, 1995.

Probability

- Cur Lib PALMS
QA 135 .5 M 385
gr. 3-4 v. 2 Burns, Marilyn. Math By All Means: Probability, Grades 3-4. Math Solutions Publications, 1995.

- Cur Lib PALMS
QA 107 M 38ce
s.g. and t.g. Creative Publications. Mathscape: Chance Encounters: Probability in Games and Simulations (middle school). Creative Publications, 1998.
- Cur Lib PALMS
Q 181 G 43iap
t.g. Cuomo, Celia. In All Probability: Investigations in Probability and Statistics: Teacher's Guide (Grades 3-6). Great Explorations in Math & Science/Lawrence Hall of Science, 1995.
- Cur Lib PALMS
QA 273 .2 C 62
s.e. and t.e. Lappan, Glenda and others. Clever Counting: Combinatorics (Grade 8). Dale Seymour Publications, 1998.
- Cur Lib PALMS
QA 276 .12
H 68 t.e. Lappan, Glenda and others. How Likely Is It?: Probability (Grade 6). Dale Seymour Publications, 1996.
- Cur Lib PALMS
QA 273 .2 W47
(t.e. and s.e.) Lappan, Glenda and others. What Do You Expect?: Probability and Expected Value (Grade 7). Dale Seymour Publications, 1997.
- Cur Lib PALMS
QA 107 M 54
v. 5 t.s.b. Phillips, Elizabeth and others. Probability. Addison-Wesley Publishing Company, 1986. (middle grades)
- Cur Lib PALMS
QA 135 .5
I 55 v.4 Singer, Margie and others. Investigations in Number, Data, and Space, Grade 5 (Between Never and Always). Dale Seymour Publications, 1996.
- Cur Lib PALMS
Q 181 G 43qua
t.g. Stage, Elizabeth and others. Quadice: Teacher's Guide (Grades 4-8). Great Explorations in Math and Science/Lawrence Hall of Science, 1993.
- Cur Lib PALMS
QA 135 .5 M 385
gr. 1-2 v. 2 Tank, Bonnie. Math By All Means: Probability, Grades 1-2. Math Solutions Publications, 1996.
- Cur Lib PALMS
QA 135 .5 I55
1998 v.4 Technical Education Research Center (TERC). Investigations in Number, Data, and Space: Grade 5 (Between Never and Always). Menlo Park, CA: Dale Seymour, 1998. (student activity booklet)

Statistics

- Cur Lib PALMS
QA 107 M 383
Strand 4 d.w.d. Britannica Mathematics in Context: Dealing with Data (Grades 6-7). Encyclopedia Britannica Educational Corporation, 1998. (student guide and teacher guide)
- Cur Lib PALMS
QA 107 M 383
Strand 4 g.e. Britannica Mathematics in Context: Great Expectations (Grades 8-9). Encyclopedia Britannica Educational Corporation, 1998. (student guide)

- Cur Lib PALMS
QA 107 M 383
Strand 4 i.i.d. Britannica Mathematics in Context: Insights into Data
(Grades 8-9). Encyclopedia Britannica Educational
Corporation, 1998. (student guide)
- Cur Lib PALMS
QA 107 M 383
Strand 4 p.n. Britannica Mathematics in Context: Picturing Numbers
(Grades 5-6). Encyclopedia Britannica Educational
Corporation, 1997. (student guide and teacher guide)
- Cur Lib PALMS
QA 107 M 383
Strand 4 s.a.t. Britannica Mathematics in Context: Statistics and
the Environment (Grades 7-8). Encyclopedia Britannica
Educational Corporation, 1998. (student guide and teacher
guide)
- Cur Lib PALMS
QA 107 M 383
Strand 4 w.t.g. Britannica Mathematics in Context: Ways to Go (Grades 7-8).
Encyclopedia Britannica Educational Corporation, 1998.
(student guide and teacher guide)
- Cur Lib PALMS
QA 107 M 381b
s.g. and t.g. Creative Publications. Mathscape: Looking Behind the
Numbers: Correlations, Rankings, and Permutations (middle
school). Creative Publications, 1998.
- Cur Lib PALMS
QA 135 .5
I5 v.4 Economopoulos, Karen and Susan Jo Russell.
Investigations in Number, Data, and Space: Counting
Ourselves and Others. White Plains, NY: Dale Seymour
Publications, 1998. (grades K-1)
- Cur Lib PALMS
QA 276 .12
D 38 t.e. Lappan, Glenda and others. Data About Us: Statistics
(Grade 6). Dale Seymour Publications, 1996.
- Cur Lib PALMS
QA 276 .12 S 25
s.e. and t.e. Lappan, Glenda and others. Samples and Populations:
Data and Statistics (Grade 8). Dale Seymour
Publications, 1998.
- Cur Lib PALMS
QA 135 .5
I 55 v.9 Rubin, Andee and others. Investigations in Number, Data, and
Space, Grade 5 (Data: Kids, Cats, and Ads). Dale Seymour
Publications, 1996.
- Cur Lib PALMS
QA 135 .5
I 54 v.6 Russell, Susan Jo and others. Investigations in Number, Data,
and Space, Grade 4 (The Shape of the Data). Dale Seymour
Publications, 1995.
- Cur Lib PALMS
QA 135 .5 I55
1998 v.9 Technical Education Research Center (TERC).
Investigations in Number, Data, and Space: Grade 5
(Data: Kids, Cats, and Ads). Menlo Park, CA: Dale
Seymour, 1998. (student activity booklet)

Time Concepts

Cur Lib PALMS Wright, Tracey, Ricardo Nemirovsky and Cornelia Tierney.
QA 135 .5 Investigations in Number, Data, and Space, Grade 2
I 52 v.8 (Timelines and Rhythm Patterns). Dale Seymour Pubs, 1997.

Using Graphic Calculators

Cur Lib PALMS Lawrence, David P. Skill and Practice Masters in Statistics
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