



KENOSHA UNIFIED SCHOOL DISTRICT NO. 1 CURRICULUM AND INSTRUCTIONAL SERVICES

Middle School Math Resources Location: School Library

Mathercise Classroom Warm-up Exercises

The Mathercise books contain a series of 50 class starters which strengthen important math skills. You can use the masters to create overhead transparencies or reproduce them as individual student worksheets. Each Mathercise is a set of three problems and a space for a fourth.

Mental Math Game Cards “I have...who has?”

Mental Math Game (Series I) includes addition, subtraction, multiplication, and division. Series II includes addition, subtraction, multiplication, division, square roots, and exponents.

24 Games Double Digits and 24 Game Fractions

Object of the game is to make 24. You can add, subtract, multiply, and divide.

Domino Math binder and Bucket of Double-six dominoes

Domino math contains problem-solving activities designed to motivate students to explore math concepts as they solve domino problems.

Estimate! Calculate! Evaluate!

Each sheet in this workbook contains a series of problems which develop one or more mathematical concepts. On the front of the sheet the problem, game or activity is explained to the student. On the back of the sheet is information for teachers.

Pentominoes

The Puzzling World of Tangrams and Pentominoes is a binder containing more than 200 puzzles involving fractions, area and geometry. Hands On Pentominoes is a binder containing simple activities to introduce the idea of pentomino shapes. Two buckets of rainbow pentominoes contain six vibrant colors: red, blue, green, orange, yellow, and purple.

Trivia Math – A Problem a Day

Trivia Math is a collection of problems and experiences that will challenge students to use mathematics to solve real-life problems. Each of the two volumes contains five daily practice problems and one poster problem for each of the 36 weeks of the school year.

Algebra Warm-ups and Math Warm-ups

70 short warm-up lessons containing 5 problems and a BONUS.

ADD – Arithmetic Developed Daily (Grade 6, 7, and 8)

ADD provides short, daily math exercises to help students maintain and strengthen important mathematical skill areas.

Puddle Questions (Grade 6, 7, and 8)

Puddle Questions is a series of open-ended, thought-provoking problems. Most problems take about one class period.

Pre-Algebra with Pizzazz and Algebra with Pizzazz

This series of enrichment books are designed to provide practice with math skills and concepts. Each puzzle has a goal that is motivating to students.

Middle School Math with Pizzazz (Books A, B, C, D, E)

This series of books are designed to provide practice with math skills and concepts such as whole numbers, fractions, decimals, percents, geometry, and square roots. Each puzzle has a goal that is motivating to students.

Everything Math Decks

The Everything Math Deck is a collection of 54 cards that can be used in many ways to review and reinforce concepts and skills. The Math Deck is really two decks in one – one whole number deck and a fraction deck. A Classroom Activity Guide is included with the set of 25 math decks.

Vertical Flash Cards

Flash Cards may be used for individual or group practice of addition, subtraction, multiplication, or division facts.

Practice Your Facts (Level 1, 2, 3, 4, 5)

This series provides very basic fact practice.

Skill Power Grade 6

Skill Power is a collection of problems designed to increase students' computation and problem-solving skills through daily practice. The pages in this book are reproducible.

Versatiles Math Lab

VersaTiles Math is a supplemental mathematics program that is designed to build your student's math skills from basic arithmetic through algebra. VersaTiles is a self-correcting, non-consumable program.

Math PracTests for CTBS/TERRA NOVA

The PracTests include 34 skill sections organized and aligned to the math standards.

Essential Mathematics for Gifted Students

This book contains interesting and challenging problems specifically designed for gifted students.

Real World Algebra

Real World Algebra contains problems which will challenge the gifted student.

Navigating through Algebra in Grades 6-8

Good teacher resource for problems and activities which focus on the development of algebraic reasoning and algebra concepts.

Navigating through Geometry in Grades 6-8

Good teacher resource for problems and activities which focus on the “big ideas” of geometry.

Family Math The Middle School Years

Family Math contains a collection of activities that will work at home or in the classroom.

Estimation Skills and Strategies

This is a good teacher resource for methods and strategies to teach estimation.

Masterminds Pre-Algebra

This book contains reproducible skill builders and higher order thinking activities based on NCTM Standards.

The Middle School Mathematician

This is a collection of reproducible math activities which emphasize the problem-solving strategies related to algebra and geometry.

Figure This!

Figure This binder contains several math challenges for students and families.

Hands-On Equations

Hands-On Equations is a 20 student classroom kit to help students understand the concept of balance and equations.

Math Materials Binder:

- Assessment Frameworks for Mathematics
- Marcy Cook Activities
- Equation Editor Directions (Part I, II, III)
- Student Math Notes

Math Contest Binders by Grade Level (Information and old tests) – Math Team Coach

Holt Mathematics:

Course 1

- Lesson Transparencies (Volume 1 & 2)
- Chapter Resources

Course 2

- Lesson Transparencies (Volume 1 & 2)
- Chapter Resources

Course 3

- Lesson Transparencies (Volume 1 & 2)
- Chapter Resources

Special Education Teachers were given IDEA works binders. (Additional binders may be provided as needed.)

2007-2008 Additional Library Resources

- **Middle School Measurement (set of 3: length, mass & weight, capacity & volume)**
- **Measure and Solve! Book Set (Perimeter & Area, Surface Area & Volume)**
- **Measure It**
- **Hands-On Measurement**
- **United We Solve**
- **Get It Together: Math Problems for Groups**
- **Groundworks Set (Grade 6)**
- **Groundworks Set (Grade 7)**
- **Roads to Reasoning Series (Grades 6-8)**
- **Everyday Math Student Reference Book – Grade 5**
- **Everyday Math Student Reference Book – Grade 6**
- **Holt Mathematics, Course 1 student text & One-stop planner**
- **Holt Mathematics, Course 2 student text & One-stop planner**
- **Holt Mathematics, Course 3 student text & One-stop planner**
- **McDougal Littell Pre-algebra Teacher edition**
- **McDougal Algebra 1 student text**