

Math Grade K-2

Addition

314452,VH VHS videocassette
23 min KPI 2004 Schlessinger Media
Math for Children Series - Teaches the ingredients in addition number sentences such as addends, sums, plus signs, and equals signs. Also offers addition tips including adding with zero, making ten, and ordering addends.

Addition; Mathematics—Study and teaching (Elementary); Arithmetic—Study and teaching; Video recordings for the hearing impaired; Schlessinger, Andrew

Addition (Beginning Math) (Updated Ed)

309248,VH VHS videocassette
13 min P 1987 JOURNAL
Contains new live sequences, as well as contemporary graphics and examples. Children at a Halloween party learn how addition saves time in counting. Viewers discover ideas related to addition, such as the commutative property & the role of zero. Also, expansion and regrouping to add larger numbers, and how the addition algorithm helps find the sum of a pair of two digit numbers.

Beginning math vocabulary

700140,CD Digital Movie CD
700140,DV DVD
PIA 1998 El Dorado, CA
Narrated by Lisa Gibson.

Presents vocabulary words that are used to describe quantities of objects and amounts of time. Also explains what a pair is, how to put things in order, and how to recognize when objects are alike or different.

Reading comprehension; Vocabulary; English language—Comparison; English language—Quantity; Comprehension; Word recognition; Differentiation (Cognition); Language arts (Primary); Interdisciplinary approach in education; Mathematics; Money; Time; Value

The calendar : how to use it

314576,VH VHS videocassette
14 min KP 2000
This program shows children how calendars help us keep track of various holidays and special days, as well as understand the relationship of days, weeks, and months to one another with the help of the Calendar Kid and a musician.

Calendar; Calendar—Math; Children's films

Clock Shop

140172,CS Computer software
KPI 1999 CCv Software
Clock Shop keeps children right on time for learning analog and digital time. Multiple lessons and skill levels teach time recognition, clock math and terminology. The lessons explore time in hour, half-hour, quarter-hour, ten-minute, five-minute and one-minute intervals. Spoken problems and feedback reinforce objectives. Correct answers earn time toward a clock game. Tracks student progress and prints worksheets. MAC/WIN.

Economic Collection

For descriptions see individual titles:
Learning about money

Learning about money

800051,DV DVD
14 min P 2004 100% Educational Videos
Economic Collection Series - Explores the different denominations of money and explains how to identify the value of coins and paper money. Visits a mint in the United States to discover how coins are made. Examines different currencies used in countries around the world and explores the concepts of barter and exchange.

Money—History; Money—United States; Mints—United States; Coinage, International; Coins—Design and construction; Paper money—Design and construction; Barter; Exchange; Mathematics—Study and teaching; Value

Learning about sorting and grouping

800057,DV DVD
15 min P 2004 100% Educational Videos
Explores the concepts of similarities and differences in relation to sorting or classifying objects into groups. Illustrates how to group objects according to one attribute and multiple attributes. Explains how to use the senses to help sort objects by shape, texture, size, color and mass.

Information organization; Mathematics—Methodology; Mathematical models; Classification; Arithmetic; Mathematics—Study and teaching; Problem solving; Set theory; Thought and thinking

Learning to use graphs

800058,DV DVD
17 min P 2004 100% Educational Videos
Illustrates how graphs use pictures, shapes and colors to organize information. Explains how to read and interpret data from graphs, bar graphs, and pictographs. Illustrates how different graphs are used to represent a variety of information.

Mathematics—Charts, diagrams, etc; Picture-writing; Information organization; Mathematics—Methodology; Mathematical models; Graph theory; Graphic methods; Mathematics—Study and teaching; Problem solving; Thought and thinking

Math for Children

23 min KPI 2004 SCHLESSINGER
Make sense of math! Using number sense, algorithms, and hands-on manipulatives, kids tackle math problems found in real-life situations. Whether splitting a pizza evenly, estimating the cost of a new toy, or graphing the results of a science project, math is encountered in many forms. Students will grasp the importance of math in everyday life, and how to solve a problem using different strategies. This exciting video series salutes math heroes from architects to marine biologists, and enables kids to test their math mettle in fun game show segments. Using memorable tips, clear examples, and colorful graphics, Math for Children takes the mystery out of math! Teacher's Guides are included and available online.

For descriptions see individual titles:
Addition

Touchmath addition kit : Second grade

160044,KT Kit
P 1999 Innovative Learning Concepts, Inc
This series of programmed instructional materials help students to develop a system for learning basic math facts. Content Standard: Number Sense. PRIMARY ACTIVITY MASTERS—One hundred reproducible masters present a review of basic addition facts with pictures and Touchpoints, addition of long columns with and without Touchpoints, addition of numbers in two columns with and without regrouping and progress tests. Problems include oversized child-friendly numbers, TouchMath Transition Touchpoints and real-life object to color and add. ANCILLARY ACTIVITY MASTERS—Eighty-five masters provide place value concepts 1-900 in picture format while developing place value concepts in addition. Includes progress tests and activities to reinforce mastery of addition facts. INSTRUCTIONAL AIDS—Include sets of reproducible masters used to reinforce Touchpoint placement and TouchMath Addition Statements, one complete set of classroom flashcards and four award certificate masters. SECOND GRADE ADDITION KIT GUIDE—Practical in-depth instruction for hands-on classroom activities and answer key for all masters.

Addition; Math—Touchmath; Bullock, Janet K

Touchmath general math kit : Time-money-shapes & sizes-fractions. First grade

160045,KT Kit
P 1998 Innovative Learning Concepts, Inc
This series of programmed instructional materials help students to develop a system for learning basic math facts. Content Standard: Number Sense. PRIMARY ACTIVITY MASTERS—One hundred reproducible masters are divided into groups of twenty-five which present basic concepts for

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time, money, shapes and sizes, and fractions. Each section is sequenced from simple to more complex and includes a variety of proven activities. ANCILLARY ACTIVITY MASTERS-Sixty masters provide logical extensions to the Primary topics. Time extends to weekdays, money to larger bills, shapes to more sophisticated shapes and the fractions section presents writing and comparing fractions. INSTRUCTIONAL AIDS-Include masters which reinforce all four skills with puzzles, games and a variety of other hands-on activities. FIRST GRADE GENERAL MATH KIT GUIDE-Practical in-depth instruction for hands-on classroom activities and answer key for all masters.

Math-Touchmath; Time-Money-Shapes-Fractions;
Bullock, Janet K

Touchmath sequence counting/multiplication kit : Second grade

160048,KT Kit
21 pce P 1999 Innovative Learning Concepts, Inc
This series of programmed instructional materials help students to develop a system for learning basic math facts. Content Standard: Number Sense. PRIMARY ACTIVITY MASTERS-Fifty reproducible masters develop skills in sequence counting by twos, threes, fours and fives, and include reviews that mix each number sequence with the sequence that came before. Pages include oversized child-friendly numbers and a wide variety of entertaining activities to keep students motivated. ANCILLARY ACTIVITY MASTERS-Fifty reproducible masters teach students to apply sequence counting in basic multiplication problems which include multiplying by zero through fives. Pages include sequenced activities and mixed reviews. INSTRUCTIONAL AIDS-Include Touchpoint reinforcement set of black-line masters, masters for desktop number lines which depict each sequence of numbers, a complete set of classroom flashcards presenting multiplication facts 2-5 and a second set present missing numbers for multiplication facts 2-5 and two reproducible award certificate masters. SECOND GRADE SEQUENCE COUNTING-MULTIPLICATION KIT GUIDE-Practical, in-depth instruction for hands-on classroom activities and complete answer key for all masters.

Math-Touchmath; Sequencing-Counting-Multiplication;
Bullock, Janet K

Touchmath story problems kit : First grade

160049,KT Kit
26 pce P 1998 Innovative Learning Concepts, Inc
This series of programmed instructional materials help students to develop a system for learning basic math facts. Content Standard: Number Sense. PRIMARY ACTIVITY MASTERS-One hundred reproducible masters are divided into fifty pages of sequenced addition story problems and fifty pages of sequenced subtraction story problems. Problems include oversized child-friendly numbers TouchMath Transition Touchpoints and real-life objects. ANCILLARY ACTIVITY MASTERS-Fifty masters provide mixed addition and subtraction stories including both one and two-step problems. INSTRUCTIONAL AIDS-Include sets of masters to be used to reinforce basic story problem concepts, including specific vocabulary and award certificates. FIRST GRADE STORY PROBLEMS KIT GUIDE-Practical, in-depth instruction for hands-on classroom activities and answer key for all masters.

Math-Touchmath; Story problems; Bullock, Janet K

Touchmath story problems kit : Second grade

160050,KT Kit
23 pce P 1999 Innovative Learning Concepts, Inc
This series of programmed instructional materials help students to develop a system for learning basic math facts. Content Standard: Number Sense. PRIMARY ACTIVITY MASTERS-Eighty reproducible masters are divided into forty pages of sequenced addition story problems and forty pages of sequenced subtraction story problems. Problems include oversized child-friendly numbers, TouchMath Transition Touchpoints and real-life objects. ANCILLARY ACTIVITY MASTERS-Thirty masters provide mixed addition and subtraction stories including both one and two-step problems. INSTRUCTIONAL AIDS-Include masters to be used to reinforce basic story problem concepts, including word puzzles,

story problem masters, award certificates and problem solving cards. SECOND GRADE STORY PROBLEMS KIT GUIDE-Practical, in-depth instruction for hands-on classroom activities and complete answer key for all masters.

Math-Touchmath; Story problems; Bullock, Janet K

Touchmath subtraction kit : First grade

160043,KT Kit
26 pce P 1998 Innovative Learning Concepts, Inc
This series of programmed instructional materials help students to develop a system for learning basic math facts. Content Standard: Number Sense. PRIMARY ACTIVITY MASTERS-Ninety reproducible masters present subtraction facts in both sequenced and mixed orders. Problems include oversized child-friendly numbers, TouchMath Transition Touchpoints and real-life object to color and count. ANCILLARY ACTIVITY MASTERS-Eighty-five masters provide mixed subtraction facts using tracing numbers, basic place value concepts, timed tests and enrichment activities. INSTRUCTIONAL AIDS-Include sets of masters to be used in teaching the touching/counting pattern, backward counting strips, basic subtraction statements, and award certificates. Complete set of reversible basic facts. FIRST GRADE SUBTRACTION KIT GUIDE-Practical in-depth instruction for hands-on classroom activities and answer key for all masters.

Math-Touchmath; Subtraction; Bullock, Janet K