3-in-1 Board (flannel, magnetic and dry-erase)
38075 KT
PIJS Educational Insights
Perfect for classroom use this board combines a 60 x 92 cm. (24" x 36") flannel board on one side with the convenience of a magnetic/dry-erase board on the other. Use with felt cutouts, dry-erase markers, or magnetic letters and numbers. Supports literacy and math center activities and whole-class storytelling.

Flannel board; Instructional materials centers; Math; Numeracy; Storytelling

3 in a row
38628 KT
IJ
Mathematics puzzles at three different levels, challenge students to apply problem solving skills.

Math; Mathematics; Numeracy; Problem solving; Puzzles

Aboriginal Addition and Subtraction : Grade 1
41589 KT
P 2023 Pearson Canada
Big Idea: Quantities and numbers can be added and subtracted to determine how many or how much.

Subtraction; Mathematics–Study and teaching (Primary); Aboriginal; Addition; First Nations

Aboriginal Addition and Subtraction : Grade 2
41595 KT
P 2023 Pearson Canada
Big Idea: Quantities and numbers can be added and subtracted to determine how many or how much.

Subtraction; Mathematics–Study and teaching (Primary); Aboriginal; Addition; First Nations

Aboriginal Addition and Subtraction : Grade 3
41590 KT
P 2023 Pearson Canada
Big Ideas: Quantities and Numbers can be added and subtracted to determine how many or how much. * add/subtract to 1000 * develop concept of multiplication

Subtraction; Mathematics–Study and teaching (Primary); Aboriginal; Seeds–Study and teaching; Addition; First Nations

Aboriginal Addition and Subtraction to Ten : Grade 2
41591 KT
P 2023 Pearson Canada
Symbols and expressions can be used to represent mathematical relations. * model and describe equality and inequality * explore properties of addition and subtraction

Subtraction; Aboriginal; Addition; Mathematics–Study and teaching (Primary); First Nations

Aboriginal Graphing : Grade 2/3
41598 KT
P 2023 Pearson Canada
Big Idea: "Collecting & Displaying data can help us predict and interpret situations"

Mathematics–Graphing; Mathematics–Study and teaching (Primary); Aboriginal

Aboriginal Measurement : Grade 3
41594 KT
P 2023 Pearson Canada
Units can be used to measure and compare attributes * measure time, temperature, and length * explore units of measure and their relationships

Measurement; Mathematics–Study and teaching (Primary); Aboriginal; First Nations

Aboriginal Multiplication and Division : Grade 3
41588 KT
P 2023 Pearson Canada
Quantities and numbers can be multiplied by grouping units and divided by splitting into units to determine how many or how much. * multiply and divide to 50 * add and subtract to 100

Division; Multiplication; Mathematics–Study and teaching (Primary); Aboriginal; First Nations

Aboriginal Number Concepts : Grade 1
41586 KT
P 2023 Pearson Canada
Big Idea: Quantities and numbers can be grouped by units or split into units.

Number concepts; Mathematics–Study and teaching (Primary); Aboriginal; First Nations

Aboriginal Number Concepts : Grade 2
41593 KT
P 2023 Pearson Canada
Quantities and numbers can be grouped by units or split into units. * group quantities based on units of 10 * compare/order numbers to 100

Number concepts; Mathematics–Study and teaching (Primary); Aboriginal; First Nations

Aboriginal Number Sense : Grade 1
41581 KT
P 2023 Pearson Canada
Big Idea: Numbers are related in many ways. * compare & order quantities to 25 * estimate & count to 50

Aboriginal; First Nations; Mathematics–Study and teaching (Primary)

Aboriginal Number Sense : Kindergarten
41583 KT
P 2023 Pearson Canada
Big Idea: Numbers tell us how many and how much * count sets to ten * compare sets to ten

Mathematics–Study and teaching (Primary); Aboriginal; First Nations

Aboriginal Objects and Shapes : Grade 1
41587 KT
P 2023 Pearson Canada
Big Idea: Objects can be located in space, and looked at from different perspectives.

Mathematics–Study and teaching (Primary); Aboriginal; Shapes–Study and teaching (Primary); First Nations

Aboriginal Objects and Shapes : Grade 2
41596 KT
P 2023 Pearson Canada
Shapes and Solids can be transformed in many ways. - explore lines of symmetry in 2-D shapes - explore 2-D shapes

Mathematics–Study and teaching (Primary); Aboriginal; Shapes–Study and teaching (Primary); First Nations

Aboriginal Patterning : Grade 2
41592 KT
P 2023 Pearson Canada
Big Idea: Patterns can be described Mathematically.

Patterns (Mathematics); Mathematics–Study and teaching (Primary); Aboriginal; First Nations

Aboriginal Patterning : Kindergarten
41582 KT
P 2023 Pearson Canada
Big Idea: Patterns can be described mathematically * describe, extend and create repeating patterns

Beadwork–Patterns; Patterns (Mathematics); Mathematics; Aboriginal; First Nations; Mathematics–Study and teaching (Primary)

Add - sub combo tiles
37660 KT
PI 1984
Marcy Cook
Addition and subtraction tasks.

Addition; Math; Math–Study and teaching (Elementary); Mathematics K-7; Mathematics–Problems, exercises, etc; Mathematics–Manipulatives; Numeracy; Subtraction

Algebra Tiles set
28615 KT
IJ

All 4 operation tiles
37512 KT
I 2001
Marcy Cook
Form arithmetic problems/solutions with each of the 4 basic operations: addition, subtraction, multiplication, and division.

Addition; Division; Math; Math–Study and teaching (Elementary); Mathematics K-7; Mathematics–Problems, exercises, etc; Mathematics–Manipulatives; Multiplication; Numeracy; Subtraction

Architectural blocks [44 blocks]
38652 KT
P Melissa & Doug
Design an architectural masterpiece with this set of forty-four hand-scrolled and turned wooden blocks in eleven different shapes. Natural, smooth-sanded finish.

Applied design, skills and technologies; Architecture; Building; Geometry; Maker spaces; Mathematics; Shapes–Study and teaching (Primary); Structures

Base ten blocks
28909 KT
I 1997 Exclusive Educational Products

⁕Base Ten Classroom Set
42350 KT
PI 2024
Base Ten blocks support the development of place value understanding and number sense.

Math–Study and teaching (Elementary); Decimal system; Math; Counting; Math games; Numeracy; Mathematics–Study and teaching; Mathematics

Beginning addition and subtraction kit
38137 KT
P
Use stories to help students understand addition and subtraction.

Addition; Arithmetic; Arithmetic–Study and teaching; Counting; Math; Math–Study and teaching (Elementary); Mathematics; Mathematics–Study and Teaching (Elementary); Numeracy; Subtraction

Box cars and one-eyed jacks deluxe (intermediate)
36248 KT
PI Box Cars & One-Eyed Jacks
Joanne Currah, Jane Felling
Students will have so much fun playing the math concepts games included in this kit. Concepts from numerals, place value, fractions, addition, subtraction, multiplication and division! As a whole class or in small groups this is a kit you will want to use in your classroom every day! The authors have created games that focus on thinking, reasoning, and problem solving. The games incorporate the use of motivating manipulatives such as regular cards, dice and special multi-sided dice and provide opportunities for students to write and talk about their learning.

Math; Math games; Mathematical recreations; Mathematics; Mathematics–Study and teaching; Numeracy

Box cars and one-eyed jacks deluxe (primary)
36243 KT
P Box Cars & One-Eyed Jacks
Joanne Currah, Jane Felling
The authors have created games that focus on thinking, reasoning, and problem solving. The games incorporate the use of motivating manipulatives such as regular cards, dice and special multi-sided dice and provide opportunities for students to write and talk about their learning. (513.07)

Math; Math games; Mathematical recreations; Mathematics; Mathematics–Study and teaching; Numeracy

Box cars and one-eyed jacks (intermediate)
27813 KT
I 2001 Box Cars & One-Eyed Jacks
Joanne Currah, Jane Fielding
The authors have created games that focus on thinking, reasoning, and problem solving. The games incorporate the use of motivating manipulatives such as regular cards, dice and special multi-sided dice and provide opportunities for students to write and talk about their learning. (513.07)

Math; Math games; Mathematical recreations; Mathematics; Mathematics–Study and teaching; Numeracy

Branch blocks [36 blocks]
38653 KT
P Guidecraft
Natural and unscripted play patterns emerge when Branch Blocks are provided for building and dramatic play inspiration. The intact textured bark on each building piece adds sensory exploration mirroring the organic benefits of outdoor play. Use Branch Blocks to practice stacking, sorting and STEM activities. 38 wood pieces plus inspirational cards.

Applied design, skills and technologies; Building; Early childhood education; Math; Mathematics; Numeracy; Shapes–Study and teaching (Primary); Structures

Calendar math activity program
31330 KT
PI 2006 Lakeshore Learning Materials
This activity program reinforces essential early math skills during daily calen dar time. Can be used with whole class or small groups to practice essential sk ills such as counting, estimation, number sense, place value, and problem solvi ng.

Calendars; Math; Mathematics; Numeracy

Canadian money activity and game set
29037 KT
PI 1995 Learning Resources
Canadian money activity book written by Sherry Wolf.
The activity book and overheads help the teacher develop common knowledge and skills in manipulating and using Canadian coins and bills. The games reinforce money concepts. (332.4)

Counting; Math; Math games; Mathematical recreations; Mathematics–Manipulatives; Money–Study and teaching; Numeracy

Canadian Symbols

Canadian coins [5 books]
36831 KT
P 24 pce 2015 Pebble Plus
Sabrina Crewe
This book takes a simple look at Canadian coins, examining the symbols used on each denomination, as well as their nicknames, history, and significance as symbols of Canada.

Culture–Canada; Inquiry-based learning; Math; Mathematics; Money; Numeracy; Social Studies

Carpentry kit
36346 KT
PI
Carpentry kit includes tool belt with supplies to construct various wood structures and projects.

Applied design, skills and technologies; Math; Mathematics; Numeracy

Chicka chicka 1, 2, 3 [kit]
38687 KT
P 2014
Bill Martin Jr. ; Michael Sampson
Velcro storybook kit. Children will enjoy re-enacting this lively number rhyme as they count from one to one hundred and climb to the top of the apple tree.

Counting; Stories in rhyme; Storytelling; Trees–Fiction

Counting one to five [6 copies]
29577 KT
P 16 pce 1999 Benchmark Education
written by Margie Burton, Cathy French, and Tammy Jones.
Early connections Series

Counting seeds [6 copies]
29758 KT
P 16 pce 1999 Benchmark Education
written by Margie Burton, Cathy French, and Tammy Jones.
Early connections Series

Crossing the river [6 books]
35340 KT
P 16 pce 2012 STRONG NATIONS
Written by Brenda Boreham ; Illustrated by Bill Helin
Strong readers Series - This story is about counting bears who want to cross the river. You will be counting by two's. Can you count by two's from 0 to 12?

Counting; Easy reading materials; First Nations; Guided reading; Mathematics; Numeracy; Reading materials; Mathematics–Study and Teaching (Elementary)

Crystal bead rainbow blocks [8 pieces]
38130 KT
P Guidecraft
An adventure in colour, light and sound! Indulge your student's appetite for exploration by combining blocks to form new colors and sounds, or stack the blocks in a different order each time to form new and exciting shapes. Smooth hardwood frames and translucent windows with colorful beads. Sized to standard unit block measurements. Good for hand-eye coordination, visual perception, color exploration or light table activities

Applied design, skills and technologies; Building; Color; Geometry; Maker spaces; Math; Mathematics–Manipulatives; Numeracy; Shapes–Study and teaching (Primary); Structures

Crystal connectors + light box
37412 KT
P
A rainbow of translucent plastic discs, each with 8 slots for constructing 3-dimensional structures that capture the light. Colours include red, yellow, blue and green. Includes 50 cm. light table.

Art; Colour; Light; Math; Mathematics; Numeracy

Cuisenaire rods with trays class set
28622 KT
P 2006
Carole Fullerton
In middle grades, Cuisenaire Rods are an excellent tool for modeling ratios and proportional relationships. Students can also use the rods to create patterns and then describe those patterns using a variety of mathematical representations, including charts, graphs, and equations.

Math; Mathematics–Study and teaching (Primary); Mathematics–Manipulatives; Numeracy; Addition; Fractions; Subtraction; Fullerton, Carole

Days of the week [6 books]
30764 KT
P 16 pce 2002 Thomson Nelson
PM Maths: Numeracy and Literacy Series

Domino math games: connecting the dots for kids
36317 KT
PI 2010 Box Cars & One-Eyed Jacks
Joanne Currah and Jane Felling
Dominoes are a versatile and motivating resource to use in any elementary classroom. Their intriguing appeal and flexibility as a math manipulative provide a wide range of learning opportunities for students. Students will reinforce skills they need with domino games they'll love.

Counting; Math; Mathematics; Numeracy; Patterns (Mathematics)

Dynamic dice
29035 KT
IJ 2004 Creative Mathematics
by Kim Sutton.
This kit contains the materials to support a full class working with the Dynamic Dice book. The book is filled with games and activities that use 3 unique kind of dice (double dice, 10-sided dice, place-value dice.) Students use the activities/games to practice addition, subtraction, multiplication, division, fractions, decimals and other algebraic concepts. (372.7)

Math; Math games; Mathematical recreations; Mathematics–Study and teaching; Mathematics–Manipulatives; Numeracy

Early connections
For descriptions see individual titles:
Counting one to five [6 copies] [29577]
Counting seeds [6 copies] [29758]

Educational light cube
36078 KT
PI 2014 Roylco
The Educational Light Cube and accessory kit is the perfect light table starter kit for younger students! The kit features lots of safe and colorful materials to play with on the Educational Light Cube. Count and sort beautiful bead shapes. Examine details in x-rays and layer Optical Illusion sheets to discover interesting patterns! Drop paint onto the washable Educational Light Cube and drag paint scrapers on top to make swirls and lines. Use our new Squiggle Pipettes to develop fine motor skills. With the remote control, you can change cube colors or make it strobe through the colors. When on the blue color, it acts as a black light with neon colored items. Discover amazing possibilities with these sensory play resources! The teacher guides includes detailed descriptions of fun projects to direct your classroom light table activities.

Animals; Applied design, skills and technologies; Art; Colour; Counting; Light; Math; Mathematics; Numeracy; Science; Skeleton

Equivalence range
31728 KT
PI 2009
This kit contains the Equivalence range of resources which are color-coded with each other. The Equivalence Flips include 4 sections: common fractions, percents, decimal factions, and pictorial fractions. The Equivalence Fans include the same 4 sections as the flips and allows the teacher to re-inforce the students understanding of equivalent forms and their notation. The Equivalence Dice are 10 sided and allow for games which explore the relationship between the three equivalent forms. The Equivalence Display Lines are double-punctured cards which can be hung vertically for instruction. (513.2)

Fractions–Study and teaching; Math; Mathematics; Numeracy

Exploring math through puzzles
29041 KT
I 1996 Key Curriculum
Wei Zhang.
This kit includes instructions and materials for making over 50 puzzles with links to geometry and algebra. The book contains teacher's notes on the background of each puzzle, tips for construction, and material lists. The construction materials in the kit are suitable for 2-3 stations or small group problem-solving. (510)

Math; Math games; Mathematical recreations; Mathematics–Manipulatives; Numeracy; Puzzles

Fraction factory
37944 KT
PI 1986 Creative Publications
Holden, Linda
The Fraction Factory consists of three books: Basic Concepts, Mixed Fractions and Inequalities and Operations. The books use a manipulative approach to develop most of the fraction concepts taught in the intermediate grades and will support and extend textbook fraction activities.

Fractions; Fractions–Study and teaching; Manipulatives–Problems, exercises, etc; Math; Mathematics; Mathematics–Study and teaching; Mathematics–Equipment and supplies; Numeracy

⁕Fractional Equivalency Kit
42378 KT
PIJ 2024 Spectrum Educational Supplies Ltd
Equivalent fractions are fractions that may look different but in fact are equal to each other! Our selection of items within this kit will help students understand different representations in fractional notation of the same part of a whole or group.

Numeracy; Mathematics–Study and teaching; Math; Mathematics; Fractions–Study and teaching; Fractions

Fractions: Grade 4/5
37515 KT
I
Tools to teach fractions include magnetic fraction circles, fraction comparison tiles, fraction tower and assorted activities and tasks for students.

Fractions; Math; Math–Study and teaching (Elementary); Math games; Mathematics; Numeracy

Fractions Kit
34981 KT
PI
Kit aims at recognizing and naming fractional parts and decimal recognition. Decimal notation and place value. Also fraction-decimal equivalence.

Fractions; Math; Math games; Mathematics; Numeracy

Geo-boards set
28626 KT
PIJS

The geoboard collection : an adventure in mathematics.
15101 KT
J
The geoboard enables students to investigate and explore while learning geometry. Geoboards provide rich opportunities for the tactile learner, the visual learner and the audio learner. Students work in small groups, with partners, to visualize, to discuss and to solve problems based on designs. La Collection Géoplan donne un sens aux expériences géométriques des élèves grâce la discussion, la manipulation et l'analyse. Ce processus de d pouillement aide claircir les notions de base en mathématiques en fournissant, nos jeunes investigateurs et investigatrices, les outils n cessaires pour leur donner une meilleure compr hension. Les concepts: les segments de droite; les angles; la congruence; la sym trie, la perpendicularit ; le parallélisme; le périmétre; l'aire; les diagonales; les comparaisons de fractions; les renversements, les églissements, les révolutions; les réflexions, les rotations, les translations. (513.07)

French collections; Jeux mathématiques; Math; Math games; Mathematics; Mathematics–Study and teaching; Mathématiques; Numeracy

Geometric shapes building set
37393 KT
P
Create endless opportunities for students to build and explore shapes! Combine sticks in 3 sizes, along with curves for making circles and cylinders, with 2 different types of connectors to build 2-D shapes. Then, combine them to make new 2-D shapes, and even 3-D shapes! Child-friendly set features durable sticks, curves, and connectors.

Geometry; Math; Mathematics; Mathematics–Manipulatives; Numeracy; Shapes–Study and teaching (Primary)

Geometric shapes kit
34858 KT
P
This kit explores the relationships between shape, surface area, and volume. Brings basic geometric concepts to life while investigating the fun world of geometric shapes. Students will become familiar with three-dimensional shapes, will develop mathematical vocabulary, identify and describe line symmetry, and use geometric models to solve number and measurement problems.

Geometry; Math; Mathematics; Mathematics–Manipulatives; Numeracy; Shapes–Study and teaching (Primary)

Geometry 3-D solids class set
28623 KT
PIJS

Geometry 3-D solids class set
28624 KT
PIJS

Geometry 3-D solids class set
28625 KT
PIJS

Geometry : a math adventure
29009 KT
I 2004 Charlesbridge
Cindy Neuschwander ; illustrated by Wayne Geehan.
Young mathematicians will learn valuable problem-solving skills using geometry and shapes told as a story. (516.15)

Children's literature; Geometry; Math; Mathematics–Study and Teaching (Elementary); Numeracy; Shape

Grab & go math center
30917 KT
PI 2005 Lakeshore Learning Materials
Provides students with tons of opportunities for individualized math practice. Students simply pick up a set of manipulatives, grab an activity sheet, and read the easy-to-follow instructions to get started. The engaging activities will build math skills in every content area from place value and geometry to money and problem solving, and more. (332.4)

Math; Mathematical recreations; Mathematics–Study and teaching (Primary); Mathematics–Manipulatives; Numeracy

Graphing kit
38127 KT
PIJS
Use stories and graph mat to bring graphing to life.

Graph theory; Graphic methods; Math; Math–Study and teaching (Elementary); Mathematics; Mathematics–Study and teaching; Numeracy

Greg Tang math kit
29008 KT
PI 2002 Scholastic
Greg Tang.
Young mathematicians will learn valuable problem-solving skills from a winning combination of clever games and vibrant illustrations in each book. (513.213)

Children's literature; Math; Mathematics–Study and teaching; Mathematics–Study and Teaching (Elementary); Numbers; Numeracy

Inclusive math kit
37734 KT
PI Set BC
This kit and its resources, capitalizes on the fun of cards and dice to teach and reinforce math concepts. The jumbo foam dice and the oversized playing cards help make activities that are challenging for those with fine-motor difficulties, become not only more accessible, but fun and engaging for all. (LART)

Inclusive education–equipment and supplies; Math; Math games; Mathematics; Numeracy

Interlocking cubes set [1 cm.]
38660 KT
P SI Manufacturing
1 cm. sized cubes allows students to create shapes for pattern recognition, problem solving, shape, space, position and movement, fractions, algebra and more. Math resources.

Counting; Geometry; Math; Mathematics–Study and teaching (Primary); Mathematics–Manipulatives; Numeracy; Shapes–Study and teaching (Primary)

Interlocking cubes set [2 cm.]
37724 KT
P
2 cm. sized cubes allows students to create shapes for pattern recognition, problem solving, shape, space, position and movement, fractions, algebra and more. Math resources.

Counting; Geometry; Math; Mathematics–Study and teaching (Primary); Mathematics–Manipulatives; Numeracy; Shapes–Study and teaching (Primary)

Interlocking cubes with quadrants set
28628 KT
P

Intermediate investigations to inspire
30914 KT
IJT 114 pce 2005 Janice Novakowski & Carole Saundry
Provides five separate investigations, each focusing on a different mathmatical strand. The lessons consist of performance tasks and are designed to compliment other classroom experiences. Kit contain manipulatives for each le (513)

Math; Mathematics–Study and teaching; Number concept–Study and teaching; Number concept–Problems, exercises, etc; Numeracy

It's about time
34875 KT
P 155 pce 2007 Aims Educational Foundation
This kit is designed to build a conceptual understanding of time and its measurement. Experiences included have students sequencing events, measuring duration of time (long time/short time), and reading clocks. The activities include several model clocks as they build an understanding and a spatial memory of the number patterns that appear on both analog and digital clocks. (529)

Clocks; Math; Math games; Mathematics; Numeracy; Time–Study and teaching

Junior Rainbow Blocks [40 pieces]
37703 KT
P Guidecraft
An adventure in color and light! One-third smaller than unit block size, Jr. Rainbow Blocks are a new challenge in creating structures and extending traditional block play. Smooth hardwood frames with inset. Colorful, transparent acrylic windows are also ideal for color exploration and light table activities.

Applied design, skills and technologies; Building; Color; Geometry; Maker spaces; Math; Mathematics–Manipulatives; Numeracy; Shapes–Study and teaching (Primary); Structures

Looking, thinking by analogy
16479 KT
PIJ 224 pce 1992 Private Eye Project
Kerry Ruef.
Private eye Series - 30 jeweler loupes help students further engage in the process of inquiry through Science, Mathematics, Art, and Language Arts

Applied design, skills and technologies; Art; Creative thinking; Critical thinking; Inquiry; Jewelers loupes; Logic–Study and teaching; Math; Microscopes; Numeracy; Science

Magformers: XL cruiser set
37347 KT
PI

Marcy Cook Math

After, before, between, more & less tiles : grades 1 and 2
36057 KT
P 2006
Marcy Cook
This kit is good practice for order of numbers and basic concepts like days in a week, sides on a triangle, legs on multiple donkeys etc. For grades 1 and 2, and could be used if adapting for kindergarten.

Math; Mathematics; Numbers; Numeracy

Decimal place value & number sense–build a number : Gr. 5-7
35911 KT
I 2011
Marcy Cook
The activities are designed to provide experiences with building and assessing numbers, using number sense and place value, understanding of whole numbers and decimal fractions.

Decimal system; Math; Mathematics; Numeracy

Geometry line up and be accounted for
35914 KT
IJ 1987
Marcy Cook
Emphasis is on the use of geometrical vocabulary as related to the standard six pattern block shapes.

Geometry; Math; Mathematics; Numeracy

Multiple factor tiles: grades 5 to 7
35910 KT
I 1987
Marcy Cook
This is a set of 20 task cards that students can independently work through to practice finding factors and multiples.

Factors; Math; Mathematics; Numeracy

Weight logic: logical reasoning and algebraic thinking
35913 KT
PI 1999
Marcy Cook
The emphasis is to use logical thinking (not the guess and check strategy) for these problems. Students need to be able to verbalize and justify their thinking. This kit is especially appropriate for the more able young learner who is showing readiness for drawing conclusions from observation and given information.

Math; Mathematics; Numeracy; Weight

Math in a cultural context

Building a fish rack: investigations into proof, properties, perimeter, and area
35363 KT
I 200 pce 2003 Detselig Enterprises
Aishath Shehenaz Adam ; Jerry Lipka
Lessons learned from Yup'ik Eskimo Elders.

Math; Mathematics; Numeracy

Salmon fishing: investigations into probability
35362 KT
I 138 pce 2005 Detselig Enterprises
Aishath Shehenaz Adam...[et al.]
Lessons learned from Yup'ik Eskimo Elders.

Math; Numeracy

Measurement and shape
38170 KT
PI
Use a variety of resources to teach measurement and shape.

Geometry; Math; Math–Study and teaching (Elementary); Mathematics; Mathematics–Study and teaching; Measurement; Numeracy; Shape

Measurement kit
34885 KT
P
This kit is focused on essential measurement concepts in a problem-solving context. Lessons give a deeper understanding of why and how to measure length, time, area, volume, capacity, weight, temperature and more. Students will make conne ctions to other strands of the math curriculum as well as across the curriculum to literature, social studies, and science.

Math; Mathematics; Measurement; Numeracy

Mirror blocks [10 pieces]
37715 KT
P
Set of 10 mirror blocks features hardwood frames with soft, rounded corners and Mylar mirrored double faced interiors. Sized to standard unit block measurements. Educational Focus: Science, visual perception, block play, size relationships.

Applied design, skills and technologies; Building; Geometry; Maker spaces; Math; Mathematics–Manipulatives; Numeracy; Science; Shapes–Study and teaching (Primary); Structures

Mirror blocks [8 pieces]
38650 KT
P
This 8 piece set consists of geometric shaped, hardwood framed blocks that permanently encase an unbreakable acrylic mirror. Large square block is 14 x 14 cm.

Applied design, skills and technologies; Building; Geometry; Maker spaces; Math; Mathematics–Manipulatives; Numeracy; Science; Shapes–Study and teaching (Primary); Structures

Money and financial literacy kit
38096 KT
PI
Use stories to enhance financial literacy units.

Coins–Canada; Math; Math–Study and teaching (Elementary); Mathematics–Study and teaching; Mathematics–Manipulatives; Money–Study and teaching; Money–Canada; Numeracy

Multiplication and division kit
38166 KT
PI
Using literature and tiles to demonstrate multiplication and division using arrays.

Division; Math; Math–Study and teaching (Elementary); Mathematics; Mathematics–Study and teaching; Multiplication; Numeracy

✢Natural Objects Count and Sort Kit
41462 KT
P 2023
This educational resource can be used to learn the Concept of classifying and sorting objects.

Mathematics–Manipulatives; Mathematics; Counting; Mathematics–Study and teaching (Primary)

Negative/Positive integer tiles
37513 KT
I 2000
Marcy Cook
Adding and subtracting of positive and negative whole numbers.

Math; Math–Study and teaching (Elementary); Mathematics; Mathematics K-7; Mathematics–Problems, exercises, etc; Mathematics–Manipulatives; Numeracy

Number beanbags: toss and learn number fun
36179 KT
P Educational Insights
A fun and active way to encourage the young learners' beginning math skills. Reinforces numbers and number word recognition, number order, even and odd numbers and counting 1-20.

Counting; Math; Mathematical readiness; Mathematics; Numbers; Numeracy

✢Number Concepts to 10 : Kindergarten
41603 KT
P 2023 Pearson Canada
Big Idea: Numbers represent quantities that can be decomposed into smaller parts. * number concepts to 10 * decomposition of numbers to 10 * change in quantity to 10, using concrete materials This Kit will help students learn these concepts by playing a game called Waltes.

Number concepts; Mathematics–Study and teaching (Primary); Aboriginal; First Nations

✳Number sense assessment : grade one
42401 KT
P 2024
The NSA Kit A supports the administration of SD73's required Grade One Number Sense Assessment. Along with the NSA document, the kit includes the needed manipulatives, materials and blackline masters.

Assessment; Numeracy; Math; Mathematics; Number sense; Computational fluency

✳Number sense assessment : grade two
42402 KT
P 2024
The NSA Kit B supports the administration of SD73's required Grade Two Number Sense Assessment. Along with the NSA document, the kit includes the needed manipulatives, materials and blackline masters.

Assessment; Numeracy; Math; Mathematics; Number sense; Computational fluency

Numbers weaving kit
37995 KT
P
A natural resource for developing number awareness and recognition. Large woven numbers which can be hung indoors as mobiles or used as super sized digits for numeracy activities. Decorate with an assortment of resources. Hang the corresponding amount underneath for consolidation of numeral to quantity. Go on treasure hunts in the school ground for the numbers or use as stations for circuits.

Art; Math; Mathematics–Study and teaching; Numeracy

Order of operation tiles
37656 KT
I 1992
Marcy Cook
Utilizes the order of operations to form an equation.

Addition; Division; Math; Math–Study and teaching (Elementary); Mathematics K-7; Mathematics–Problems, exercises, etc; Mathematics–Manipulatives; Multiplication; Numeracy; Subtraction

Overhead manipulative kit
36180 KT
PIJ

Pattern blocks
15241 KT
PI 2007 Learning Resources
This is a comprehensive kit containing a variety of manipulatives and teacher resources covering topics such as : area, estimation, symmetry, similarity, fractions, and geometry. The manipulatives are an important tool in helping children improve their understanding of mathematical concepts. (372.7)

Math; Math games; Mathematical recreations; Mathematics–Study and Teaching (Elementary); Mathematics–Manipulatives; Numeracy; Patterns (Mathematics)

Patterns - Provocation table [5 books]
37785 KT
PI
A collection of books that can be used as a provocation, to provoke ideas, thoughts and discussions about patterns in our world.

Creative thinking; Fibonacci numbers; Math; Nature; Nature–Pictorial works; Nature study–Poetry; Numeracy; Patterns (Mathematics); Poetry; Shape; Spirals–Poetry; Geometry

PM Maths: Numeracy and Literacy
For descriptions see individual titles:
Days of the week [6 books] [30764]

Power of ten kit
38160 KT
PI
Trevor Calkins
Trevor Calkins Power of Ten resources to visually represent number facts.

Addition; Arithmetic; Counting; Math; Math–Study and teaching (Elementary); Mathematics; Mathematics–Study and teaching; Numbers; Numeracy; Subtraction

Primary counting kit
38109 KT
P
Kit supports learning numbers 1-50 using story books, big books and dominoes.

Arithmetic–Study and teaching; Counting; Math; Math–Study and teaching (Elementary); Mathematics; Numbers; Numbers–Study and teaching; Numeracy

Primary pan balance
34035 KT
PI
This balance set can be used to balance and weigh a variety of liquid or solid material and features translucent, large capacity pans marked at 200 ml increments which holds up to 1 liter of liquid or solids. Compensator clips for level and accurate measurements. Includes 5 x 1g, 5 x 5g and 5 x 10g stackable weights which can be easily stored in the bottom of the base. (513)

Mass; Math; Mathematics–Study and teaching; Mathematics–Manipulatives; Measurement; Numeracy; Science–Study and teaching; Volume (cubic content); Weights and measures

Primary pattern kit
38107 KT
P
Have students create and explore patterns using the resources and stories.

Math; Math–Study and teaching (Elementary); Mathematics–Study and teaching; Numeracy; Pattern perception; Patterns (Mathematics)–Study and teaching

Primary probability
37516 KT
P
Includes a number of activities, games, experiments and teaching materials to introduce simple probability to primary students.

Math; Mathematics–Study and teaching (Primary); Numeracy; Probability

Primary problems to ponder
29439 KT
P 96 pce 2005
This resource is a collection of problem solving lessons crossing a range of math topics at the primary level. Whenever possible, literature connections are included.

Math; Mathematics–Study and Teaching (Elementary); Numeracy; Problem solving

✵Primary Rekenrek
41990 KT
P 2024
Rekenreks are ideal for building number sense. They provide students with a concrete, physical object to help develop and deepen their understanding of numbers. Students build a strong sense of 5 and 10, learning about the relationships among numbers and operations along the way.

Subtraction; Mathematics–Study and teaching (Primary); Addition

Primary time
29039 KT
P 2007 Learning Resources
A hands-on kit that covers analog and digital clocks. The clock games and reproducible worksheets reinforce the concepts. (529)

Clocks; Math; Math–Study and teaching (Elementary); Math games; Mathematical recreations; Mathematics; Mathematics–Study and teaching; Numeracy; Time–Study and teaching

PRIME : professional resources and instruction for mathematics educators number and operations strand kit
31549 KT
TPI 2005 Thompson Nelson
Prime is a research-based Canadian professional learning initiative for teachers and administrators. Its aim is improvement in elementary school mathematics at all levels of education–classroom, school, and district. (372.7)

Math; Mathematics–Study and teaching; Numeracy

Private eye
For descriptions see individual titles:
Looking, thinking by analogy [16479]

Probability and data
29040 KT
IJ 2003 Learning Resources
This kit contains materials for your students to explore the concepts of probability and data analysis. Includes: predicting outcomes, data gathering, organizing information and coummunicating results using activity cards. (519)

Math; Math games; Mathematics–Manipulatives; Numeracy; Probabilities

Rainbow Blocks [30 pieces]
37348 KT
P
An adventure in color, light and sound! Indulge your student's appetite for exploration by combining blocks to form new colors and sounds, or stack the blocks in a different order each time to form new and exciting shapes. Smooth hard-wood frames with primary colored plexi windows. Sized to standard unit block measurements. Strengthens hand-eye coordination and visual perception. Can be used for light table activities.

Color; Geometry; Math; Mathematics–Manipulatives; Numeracy; Shapes–Study and teaching (Primary); Structures

Rocker scales
28849 KT
PIJS 1990
These accurate scales are sensitive enough to weigh light objects but have capacity to hold up to 1 litre. (681.2)

Mass; Math; Mathematics–Study and teaching; Mathematics–Manipulatives; Measurement; Numeracy; Science–Study and teaching; Volume (cubic content); Weights and measures

Rolling into math
36277 KT
P Box Cars & One-Eyed Jacks
Jane and John Felling: Joanne Currah
More than 40 games and 100 activities for K-3 students covering math concepts such as: counting, addition, subtraction, patterning, multiplication, place value, graphing and problem solving. Ideal for partner play, small groups, whole class, differentiated instruction, home connections and after school programs.

Counting; Dice; Math; Mathematics; Numeracy

Sand rainbow blocks [8 pieces]
37713 KT
P Guidecraft
An adventure in colour, light and sound! Indulge your student's appetite for exploration by combining blocks to form new colors and sounds, or stack the blocks in a different order each time to form new and exciting shapes. Smooth hardwood frames with primary colored acrylic windows. Sized to standard unit block measurements. Features plexi inner with colored sand.

Applied design, skills and technologies; Building; Color; Geometry; Maker spaces; Math; Mathematics–Manipulatives; Numeracy; Shapes–Study and teaching (Primary); Structures

Shimmering water rainbow blocks [8 pieces]
37714 KT
P
A great addition to the block play family. Smooth hardwood frames with acrylic windows and shimmering water interiors. Sized to standard unit block measurements. 4 rectangle and 4 half moon shapes. Features plexi inner with colored shimmering liquid.

Applied design, skills and technologies; Building; Color; Geometry; Maker spaces; Math; Mathematics–Manipulatives; Numeracy; Shapes–Study and teaching (Primary); Structures

Strong readers
For descriptions see individual titles:
Crossing the river [6 books] [35340]

Structures & bridge building kit
36371 KT
PI
This kit includes 7 K'nex bridge kits and wooden building materials to strengthen students understanding of science structures and math geometry concepts.

Applied design, skills and technologies; Architecture; Bridges; Building; Creative thinking; Geometry; Maker spaces; Math; Mathematics; Numeracy; Science; Structures

Taking Shape Kit : Activities to Develop Geometric and Spatial Thinking (Sections: A & B)
40853 KT
PIJ 2022
Activities to Develop Geometric and Spatial Thinking.

Geometry–Study and teaching; Geometry; Shapes–Study and teaching (Primary); Visual perception; Shape–Study and teaching (Primary); Mathematics–Study and teaching; Creative activities; Teaching–Aids and devices

Taking Shape Kit : Activities to Develop Geometric and Spatial Thinking (Sections: C, D & E)
40870 KT
P 2022
Research shows that children with good spatial skills perform better in mathematics overall.

Visual perception; Shape–Study and teaching; Mathematics–Study and teaching; Creative activities; Teaching–Aids and devices; Geometry–Study and teaching

Tangrams class set
28629 KT
P

Tangrams class set with books
38119 KT
P
Use story books with tangrams to enhance learning. Includes a class set of tangrams. (Set of 25)

Math; Math–Study and teaching (Elementary); Mathematics–Study and teaching (Primary); Mathematics–Manipulatives; Numeracy; Shape; Shape–Study and teaching; Tangrams

Teaching math language and algebra with number tiles: intermediate
35885 KT
PI
Marcy Cook
This kit has units on place value and number sense, algebraic communicating with tiles, fing x - algebra beginnings, and communicating with tiles.

Algebra; Math; Mathematics; Numeracy

Teaching math language and algebra with number tiles: primary
35888 KT
P
Marcy Cook
This kit has units on early communicating with tiles and Find the X tile.

Algebra; Math; Mathematics; Numeracy

Ten frame kit
38161 KT
PI
Giant magnetic Ten-Frames and colorful discs allow students and teachers to engage with base ten and other number and operations skills (addition and subtraction) as a group. Includes mats.

Addition; Arithmetic; Counting; Math; Math–Study and teaching (Elementary); Mathematics; Mathematics–Study and teaching; Numbers; Numeracy; Subtraction

Tessellations : how to create them
16392 KT
IJ 27 pce 1999 Crystal Productions
Jim McNeil.
Basic tessellation concepts and examples of historic tessellations are provided. Step by step demonstration shows how basic math skills, translation, rotation and reflection are integrated into art. (769.92)

Art; Math; Mathematics; Numeracy; Printmakers–Study and teaching; Escher, Alfred–1819-1882

Tower of Hanoi
38627 KT
IJ
Mathematics puzzle at three different levels, challenge students to apply problem solving skills.

Math; Mathematics; Numeracy; Problem solving; Puzzles

Tree blocks [24 blocks]
38651 KT
P
Includes 24 smooth, natural wood blocks ideal for classroom use. Suitable for block play, math concepts, building principles, physical balance, coordination and spacial reasoning.

Applied design, skills and technologies; Building; Early childhood education; Math; Mathematics; Numeracy; Shapes–Study and teaching (Primary); Structures

Tree blocks [34 blocks]
37487 KT
P
Includes 34 smooth, natural wood blocks ideal for classroom use. Suitable for block play, math concepts, building principles, physical balance, coordination and spacial reasoning.

Applied design, skills and technologies; Building; Early childhood education; Math; Mathematics; Numeracy; Shapes–Study and teaching (Primary); Structures

Understanding base ten
38165 KT
P
Helps students understand base ten using story books, big books, base ten blocks and a game.

Counting; Decimal system; Math; Math–Study and teaching (Elementary); Math games; Mathematics; Mathematics–Study and teaching; Numeracy