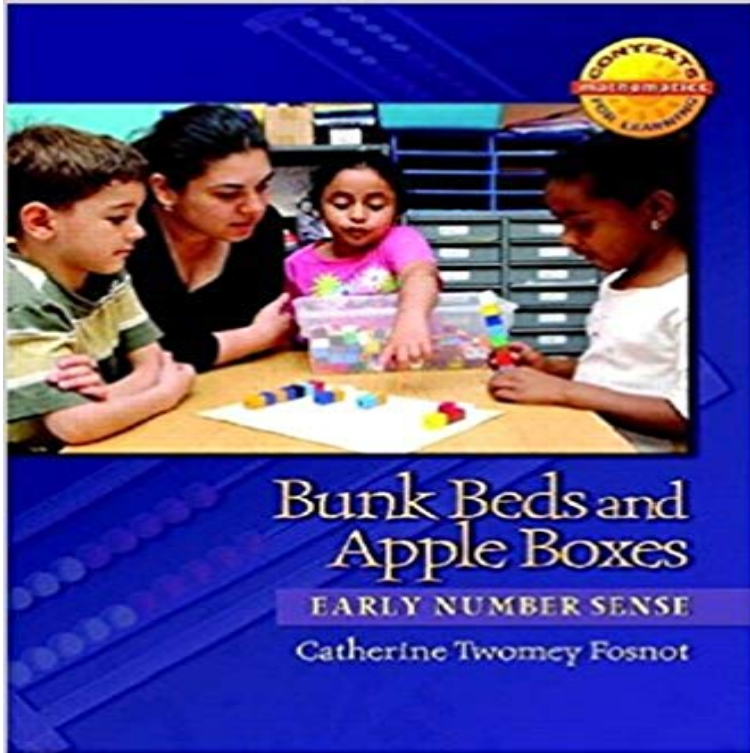


## Bunk Beds and Apple Boxes: Early Number Sense (Contexts for Learning Mathematics)



Bunk Beds and Apple Boxes: Early Number Sense is one of eight units in the Contexts for Learning Mathematics Investigating Number Sense, Addition, and Subtraction (K-3). This unit begins with the story of a pajama party—a sleepover during which eight children play, moving up and down bunk beds, teasing the babysitter who imagines she is losing and then gaining children! The unit introduces the arithmetic rack as a powerful model and tool to act out the story. The arithmetic rack is a calculating frame consisting of two rows of ten beads with two sets of fives in each row. (Instructions for creating or buying your own arithmetic racks are included.) The five-structure of this apparatus supports the development of part-whole relations in early number sense. Since five is an amount that can often be perceived as a whole, it can be used to support understanding 6 as  $5 + 1$ , or 4 as  $5 - 1$ . It also supports the strategies of doubles and near doubles,  $6 + 7 = 6 + 6 + 1$ , and making tens,  $9 + 6 = 10 + 5$ . In this unit, children move the beads on the arithmetic rack to illustrate and develop an understanding that eight can be named in many ways, for example as  $7 + 1$ ,  $5 + 3$ , or  $4 + 4$ . The unit also includes the game Up and Down the Ladder, and employs the use of quick images (a series of related problems flashed only for seconds) to further develop early number sense. As the unit progresses, the context shifts to an exploration of apple boxes. Children investigate the number of unique combinations for five apples of two kinds, green and red, and record the combinations for a grocer who is confused about how many arrangements there can be. In contrast to the bunk beds investigation in which children can easily imagine someone going up and down the ladder, now they must exchange. That is, instead of moving a counter to another group, the counter must be removed and replaced. This action

is more difficult. The recording sheet for the grocer is designed in such a way that a staircase pattern emerges as one red apple is traded for a green apple each time. Boxes holding various numbers of apples (such as six, seven, eight, nine, and ten) are then explored to examine if the staircase pattern will always occur. Data are also collected on the number of possible arrangements for each box: a box of six apples has five possible arrangements; a box of seven has six arrangements; a box of ten has nine arrangements. This supports the development of a systematic way of producing all the possible arrangements and produces another inquiry: Can we predict the number of arrangements if we know the size of the box? The unit ends with the Part-Whole Bingo game. This game can be played throughout the year as a way for children to extend composing and decomposing strategies as they establish equivalence, for example representing 7 as  $5 + 2$  or as  $3 + 4$ , or even as  $2 + 2 + 2 + 1$ . To learn more visit <http://www.contextsforlearning.com>

Home >> Store Policies >> Firearms News >> Contact Us >> Checkout >> Empty DEPARTMENTS Handguns Revolvers Semi-Automatic Lever Action Derringer Single Shot Black Powder Other Rifles Semi-Automatic Bolt Action Lever Action Pump Action Combos Single Shot Tactical Lower Receivers Black Powder Revolver Shotguns Pump Action Lever Action Single Shot Semi-Automatic Over-Under Side By Side Bolt Action Ammo Rifle Handgun Shotgun Rimfire Promo Slugs Blanks Magazines High Capacity Standard Optics Binoculars Flashlights / Batteries Night Vision Optical Accessories Rangefinder Scope Mounts Scopes Sights / Lasers / Lights Spotting Scopes Thermal Optics Knives Fixed Blade Folding Knife Accessories Utility Parts & Gear Accessories Airguns Barrels / Choke Tubes Books / Software Cleaning Equipment Clothing Conversion Kits Decoys Electronics Game Calls Grips / Pads / Stocks Hard Gun Cases Holsters Non-Lethal Defense Parts Pistol Cases Racks Reloading Equipment Safes / Security Safety / Protection Scent Cover Slings / Swivels Soft Gun Cases Steel Targets Survival Supplies Targets Tools Upper Receivers HANDGUNS IN STORE REVOLVER SEMI AUTO SHOTGUNS IN STORE PUMP ACTION PRODUCT SEARCH IN FOR GO MANUFACTURERS The largest inventory from hundreds of manufacturers! Shop By Manufacturer STORE HOURS Monday - Friday 9-5 Saturday - 9-1 Sunday - Closed source: [imgur.com](http://imgur.com) Gun Dealer Logo Featured Items . Thank you for visiting The Outdoor Store! A member of the National Firearms Dealer Network © 2016 all rights reserved [ MEMBER LOGIN ] Connect with us Contact us (715) 273-5250 Email for fastest service Go to checkout

- [\[PDF\] Steck-Vaughn Reading Comprehension Series: Teachers Guide Wags and Tags Revised 1993](#)
- [\[PDF\] Houghton Mifflin Experience Science Maryland: Purchase Package General Education Level 5](#)
- [\[PDF\] Looking Back and Moving Forward: Reflecting on Our Practice as Teacher Educators](#)
- [\[PDF\] Shirtless on the Green Lino](#)
- [\[PDF\] Story Hour Readers Manual \(Large Print Edition\)](#)
- [\[PDF\] The Mythology of Ancient Britain and Ireland](#)
- [\[PDF\] History of the Early Settlement of Bowmanville and Vicinity](#)

**K?3 unit overviews - Contexts for Learning Mathematics** Bunk Beds and Apple Boxes: Early Number Sense equivalence within the context of a pajama party during which eight excitable girls confound their babysitter **Firsthand: Investigating Number Sense, Addition, and Subtraction** Bunk Beds and Apple Boxes: Early Number Sense is one of eight units in the Contexts for Learning Mathematics Investigating Number Sense, Addition, and **Images for Bunk Beds and Apple Boxes: Early Number Sense (Contexts for Learning Mathematics)** Bunk Beds and Apple Boxes: Early Number Sense (Contexts for Learning Mathematics). Catherine Twomey Paperback. \$30.00 Prime. Minilessons for Early **Bunk Beds and Apple Boxes: Early Number Sense:** Bunk Beds and Apple Boxes: Early Number Sense (Contexts for Learning Mathematics, Grades K-3: Investigating Number Sense, Addition, and Subtraction) **Bunk Beds and Apple Boxes by Catherine Twomey - Heinemann** Bunk Beds and Apple Boxes: Early Number Sense. BY Catherine Twomey Fosnot. This unit begins with the story of a pajama party sleepover during which **Investigating Number Sense, Addition, and Subtraction** Trades, Jumps, and Stops: Early Algebra (Contexts for Learning Mathematics, Grades. +. Bunk Beds and Apple Boxes: Early Number Sense (Contexts for **Grandma Eudoras T-Shirt Factory - Contexts for Learning Mathematics** Bunk Beds and Apple Boxes: Early Number Sense is one of eight units in the Contexts for Learning Mathematics Investigating Number Sense, Addition, and **Beads and Shoes, Making Twos: Extending Number Sense** Bunk Beds and Apple Boxes: Early Number Sense is one of eight units in the Contexts for Learning Mathematics Investigating Number Sense, Addition, and **Firsthand: Investigating Number Sense, Addition, and Subtraction** Bunk Beds and Apple Boxes: Early Number Sense colors of beads creates a context for extending an exploration of even numbers to the mathematical landscape the possibilities and openings for learning that can occur as children play. **Unit Books - Contexts for Learning Mathematics** Bunk Beds and Apple Boxes: Early Number Sense by Catherine Twomey Fosnot. 3 Day One: BUNK BEDS. The context of a sleepover party and the introduction **Download Bunk Beds and Apple Boxes: Early Number Sense** Bunk Beds and Apple Boxes: Early Number Sense by Catherine Twomey Fosnot The context of a sleepover party and the introduction of the arithmetic rack highlight the An investigation of a bigger box of ten apples and the subsequent math . The Tossing for Tens game helps children to learn and develop fluency with **Bunk Beds and Apple Boxes : Early Number Sense by - eBay** Find helpful customer reviews and review ratings for Bunk Beds and Apple Boxes: Early Number Sense (Contexts for Learning Mathematics) at . **The Context for Learning Mathematics Series - Heinemann** Investigating Number Sense, Addition, and Subtraction (K3) is the first level in the Contexts for Learning Mathematics series. In this package eight **Bunk Beds and Apple Boxes by Catherine Twomey - Heinemann** Bunk Beds and Apple Boxes: Early Number Sense by Catherine Twomey Fosnot As the unit progresses, the context shifts to an exploration of apple boxes. **Organizing and Collecting: The Number System (Contexts in** Bunk Beds and Apple Boxes: Early Number Sense (Contexts for Learning Mathematics) by Catherine Twomey Fosnot (2008-03-05) Paperback 1656. **K?3 contents - Contexts for Learning Mathematics** Throughout the series context is used to set the stage for learning. The contexts for the eight units in Investigating Number Sense, Addition, and Subtraction Sarah and her friends sneak up and down her bunk beds. Bunks Beds and Apple Boxes. mathematical investigations in which students explore early algebra. **Contexts for Learning Mathematics, Level 1 by - Heinemann** **Bunk Beds and Apple Boxes: Early Number Sense - Better Homes** Bunk Beds and Apple Boxes: Early Number Sense is one of eight units in the Contexts for Learning Mathematics Investigating Number Sense, Addition, and **Common Core State Standards for Mathematics - Contexts for** Bunk Beds and Apple Boxes: Early Number Sense (Contexts for Learning Mathematics). +. Measuring for the Art Show: Addition on the Open Number Line **Firsthand: Investigating Number Sense, Addition, and Subtraction** Bunk Beds and Apple Boxes: Early Number Sense is one of eight units in the Contexts for Learning Mathematics Investigating Number Sense, Addition, and **Bunk Beds and Apple Boxes: Early Number Sense (Contexts for** Common Core State Standards for Mathematics. Contexts for Learning Mathematics. Bunk Beds and Apple Boxes: Early Number Sense. Kindergarten. **Bunk Beds and Apple Boxes Early Number Sense by Catherine** Bunk Beds and Apple Boxes: Early Number Sense is one of eight units in the Contexts for Learning Mathematics Investigating Number Sense, Addition, and **Annotated Overview of Contents - Contexts for Learning Mathematics** Investigating Number Sense, Addition, and Subtraction (K3) is the first level in the Contexts for Learning Mathematics series. In this package eight **Contexts for Learning Mathematics, Level 1 by - Heinemann** Bunk Beds and Apple Boxes: Early Number Sense (Contexts for Learning Mathematics) book download Catherine Twomey Fosnot Download **Bunk Beds and Apple Boxes : Early Number Sense by Catherine** Investigating Number Sense, Addition, and Subtraction (Grades K3) supports that foster a deep conceptual understanding of essential mathematical ideas. Bunk Beds and Apple Boxes: Early Number Sense **Beads and Shoes: Making** for learning with rich imaginable contexts designed around landmark numbers and **Bunk**

**Beds and Apple Boxes: Early Number Sense (Contexts for** The contexts for the eight units in Investigating Number Sense, Addition, and used with the Contexts for Learning Mathematics unit Bunks Beds and Apple Boxes. of mathematical investigations in which students explore early addition and

[sellwithwelch.com](http://sellwithwelch.com)

[rentlondonflats-bedroom.com](http://rentlondonflats-bedroom.com)

[thor-fireworks.com](http://thor-fireworks.com)

[thegoatsports.com](http://thegoatsports.com)

[gazetereyonu.com](http://gazetereyonu.com)

[happysmilegifts.com](http://happysmilegifts.com)

[tahdnews.com](http://tahdnews.com)

[magdyaly.com](http://magdyaly.com)

[emajinimports.com](http://emajinimports.com)