

Impact Math - Course I

Chapter	Chapter Title	Exemplar Tasks
1	All About Patterns	Bridges (CD1), Building Blocks Dilemma (CD1), Checkerboard Dilemma (CD1), Day Lily Dilemma (CD1), Handshake Problem (CD1), Nine Fish (CD1), Phone Chain (CD1), Poker Game (CD1), Sheep Herder's Dilemma (CD1), Staircase Dilemma (CD1), Table Hopping (CD1), Tower of Hanoi (CD 1), 12 Days of Math Class (CD2), Display Dilemma (CD2), Step It Up! Window Designs (CD 2)
2	All About Numbers	Big Numbers (CD1), Gears (CD1), Locker Dilemma (CD1), Meeting Dilemma (CD1), Turkey Day (CD 1), Molly Mathematician's Locker Combination Predicament (CD2), Window Designs (CD 2)
3	Working with Fractions and Decimals	Candy Dilemma (CD1), Cavity-Less Caper (CD1), Charmin Choices (CD1), Distribution Dilemma (CD1), Dog Years Dilemma (CD1), Easter Bunny Fractions (CD1), Frugal Freda (CD1), Greener Grass (CD1), Newspaper Advertisements (CD1), Olympic Trophy Design (CD1), Tangram Fractions (CD 1), An Architect Needed! Bake Sale (CD2), The Great Kayak Expedition (CD2), Gum-dilly-icious! Height Dilemma (CD2), How Many Nickels (CD2), What Does Mother Nature Have Planned for My Birthday? (CD 2)
4	Making Sense of Percents	Fat Intake (CD1), Sneakers (CD1), Stained Glass, Mrs. Williamson's Quilt Quandary (CD2), Ski Pass Possibilities (CD 2)
5	Exploring Graphs	Bridges (CD1), Building Block Dilemma (CD1), Runners' Dilemma (CD1), Table Hopping (CD 1), Table Hopping (CD 2)
6	Analyzing Data	Choose a Challenger (CD1), Fat Intake (CD1), Fitness (CD1), LA to NY (CD1), Planning Ahead (CD1), Population in 2020 (CD1), Raisins (CD1), Sneakers (CD 1), The Environmentally-friendly Shopper (CD2), Let's Celebrate the Millenium (CD2), NFL Quarterback Quandary (CD2), What Does Mother Nature Have Planned for My Birthday? (CD 2)

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Chapter	Chapter Title	Exemplar Tasks
7	Variables and Rules	Bridges (CD1), Building Block Dilemma (CD1), Staircase Dilemma (CD1), Table Hopping (CD1), Tower of Hanoi (CD1), Townhouse Tribulations (CD1), Variable Dilemma (CD 1), Maya Temple (CD2), Ottawa Architecture (CD2), Window Designs (CD 2)
8	Geometry and Measurement	ABC Quilts (CD1), Dear Betty (CD1), Dense Rocks (CD1), Division of Labor (CD1), Dog House (CD1), Euler's Dilemma (CD1), fences for Grazing (CD1), Leaves (CD1), Shoe Contest (CD1), Tan Pattern Block Angles (CD1), Tangram Fractions (CD1), Wrap Mom's Lamp (CD 1), An Architect Needed! Billy's Goat (CD2), Box Dilemma (CD2), Candy Bar Madness (CD2), A Cloak for a Dreamer (CD2), Cord Wood (CD2), A Fence for Gretchie and Ashby (CD2), How Many Nickels (CD2), John's Field (CD2), Lake Erie Dilemma (CD2), Molly Mathematician's Locker Combination Predicament (CD2), Mrs. Williamson's Quilt Quandary (CD2), Packing Predicament (CD2), Rectangular Box vs. Cube (CD2), Rosie's Desk Dilemma (CD 2)
9	Solving Equations	Checkerboard Dilemma (CD1), Runner's Dilemma (CD 1), A Cloak for a Dreamer (CD2), Display Dilemma (CD2), A fence for Gretchie and Ashby (CD2), John's Field (CD2), Math Team Fundraiser (CD2), Rectangular Box vs. Cube (CD2), What Does Mother Nature Have Planned for My Birthday? (CD 2)
10	Understanding Probability	Double Dilemma (CD1), M&M's (CD1), Planning Ahead (CD1), Sums Dilemma (CD1), 12 Days of Math Class (CD2), Quiz Time (CD2), What Does Mother Nature Have Planned for My Birthday? Winning the Megabucks (CD 2)