Correlation of Inside Mathematics** Tasks to CCSS

Name of Task	Grade	Description	CCSS
Pocket Money	2	Make change	2.MD.8; 2.OA.1; 2NBT.6
Carol's Numbers	2	Magnitude of numbers	2. MD.6 or 2.MD.9?? [1]
Don's Shapes	2	Describe and classify two-dimensional shapes	K.G.6; K.G.4; 1.G.2; 1.G.3; 2.G.1
Our Pets	2	Interpret bar graph data	2.MD.10
Building Walls	2	Identify growing pattern	4.OA.5
The Pet Shop	3	Whole number operations in a real context	3.OA.3 or 3.OA.8
Looking Glass Land	3	Shapes and lines of symmetry	4.G.3
House Numbers	3	Odd and even numbers	2.OA.3 with 3.OA.7; 3.OA.3 or 3.OA.8
Blob Bugs	3	Linear number sequence	3. OA.9?
Time to Get Clean	3	Time conversions	4.MD.2 or 5.MD.1
Winning Lines	4	Magic square sums	1.OA.2 [2]
Quilt Making	4	Properties of two-dimensional shapes	4.G.1 – 3
Sum Bugs	4	Multiplication and division	4.OA.4; 4 NBT.6
Roger's Rabbits	4	Identify and extend pattern in tables	4.OA.5
Votes	4	Multiplication and patterns	3.OA.8
Fruity Fractions	5	Improper fractions and whole numbers	3.NF.3c
Shopping Bags	5	Standard customary units of weights conversions	5.MD.1
Breakfast Time	5	Find costs and money change	4.MD.2 [3]; 5.NBT.7
Pea Soup	5	Proportional reasoning	6.RP.3a
Bar Charts	5	Interpret and construct bar graphs	3.MD.3 [4]
Percent Cards	6	Relate fractions, decimals and percents	4.NF.6 [5]
Snail Pace	6	Rate conversions to different times	6.RP.3b
Area and Perimeter	6	Same perimeter/different area of a rectangle	3.MD.8
A Number Pattern	6	Describe and extend a numeric pattern	4.OA.5 [6]; 6.EE.1
Black and White	6	Probability - fractions as part-to-whole	7.SP.5
Gym [7]	6		4.OA.3
Sale!	7	Proportional reasoning Use fractions, decimals and percents in context	7.RP.3 7.EE.3
Pedro's Tables	7	Divisibility, factors, multiples – Introduction to prime and composite numbers	4.OA.4
Winter Hat	7	Surface area/areas of rectangles and trapezoids Area and perimeter of circles	7.G.4 7.G.6
Odd Numbers	7	Recognize and extend a numeric pattern Use properties of addition to sum a series	4.OA.5; 5.OA.3; 4.NBT.4
Will It Happen?	7	Describe an event as likely-unlikely Determine theoretical probabilities Area model	7.SP.5
Pizza Crusts	7	Perimeter and area of rectangles and circles	7.G.4; 7.G.6

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Name of Task	Grade	Description	CCSS
Multiples of Ten	8	Associative and commutative properties Multiples and factors Reasoning, conjectures, justifications	4.OA.4 3.OA.5 3.OA.7
Patterns in Prague	8	Compose and decompose shapes, area and perimeter Pythagorean relationship	6.G.1 7.G.6 8.G.7
The Cog Railway	8	Distance formula: $D=r\,t$ Ratio and proportion Read graph – focus slope	8.EE.5 8.F.4 8.F.5
Flora, Freddy and the Future	8	Likely, unlikely Theoretical probability - sample space, Simple and compound probability without replacement	7.SP.5 7.SP.8
Picking Apples	8	Linear relations & functions – simultaneous equations in context Model situations	8.EE.8
Expressions	Course 1 (Algebra)	Using algebraic expressions to find area and perimeter of parallelograms and trapezoids	6.G.1; 6.EE.4; 7.EE.4a;7.EZ1
Buying Chips & Candy	Course 1 (Algebra)	Forming and solving a pair of linear equations in a practical situation	8.EE.8c A.CED.2,3 A .REI.6
Sorting Functions	Course 1 (Algebra)	Finding relationships between graphs, equations, tables and rules	8.F.1 ; 8.F.2,3; F – IF.7; A - CED.2
Sidewalk Patterns	Course 1 (Algebra)	Finding the nth term of a sequence	6.EE.9; 8.F.1; A–CED.2; F – FI; A–APR.1; A – SSE.2; F – BF1,2
Functions	Course 1 (Algebra)	Graphs and equations of linear and non-linear functions	8.F.1;F – IF.7; F – IF.9; F – LE.3
Glasses	Course 2 (Geometry)	Calculating volumes of cylinders and cones in a practical situation	8.G.7,9; G – MG.1; G – GMD.3,4
Numbers	Course 2 (Geometry)	Proving number relations using algebra	4.OA.5; 7.NS.2; A – APR.1; A – SSE.2
Pentagon	Course 2 (Geometry)	Demonstrating geometrical knowledge and reasoning in a pentagon figure	4.MD.7; 5.G.4; 7.G.5; 8.G.5; G – SRT.2,5
Triangles	Course 2 (Geometry)	Finding areas of triangles within a triangle	3.MD.7(d); 6.G.1 G.CO.10; A – CED.2,4
Circles & Squares	Course 2 (Geometry)	Calculating ratios of nested circles and squares	7.G.4; G.C.2; G.SRT.8

Correlation of Inside Mathematics** Tasks to CCSS

Notes:

[1] No related CCSS for this task

[2] Standard involves word problems

[3] Fourth graders can do this task if repeated addition or subtraction is used to solve the problems

[4] Mode is not mentioned in the CCSS

[5] The concept of percent is not introduced in the standards; finding the percent of a number is the first mention of percents in CCSS

[6] Fourth graders can describe and extend the pattern sections of this task

[7] Document cannot be printed