

Table of Contents

Introduction	i–x
What is <i>Engaging Mathematics, Volume II: Grade 2</i> ?	iv
What is found in an Engaging Mathematics TEKS-based activity?	v
Texas Essential Knowledge and Skills (TEKS) Alignment Chart.....	vi–ix
Whole Numbers and Fractions	2–71
Composing and Decomposing Numbers, Activity 1	2–4
Composing and Decomposing Numbers, Activity 2	6–7
Composing and Decomposing Numbers, Activity 3	8–11
Representing Numbers, Activity 1	12–15
Representing Numbers, Activity 2	16–17
Representing Numbers, Activity 3	18–19
Generating Numbers, Activity 1	20–22
Generating Numbers, Activity 2	24–26
Compare and Order Numbers, Activity 1	28–30
Compare and Order Numbers, Activity 2	32–34
Compare and Order Numbers, Activity 3	36–37
Compare and Order Numbers, Activity 4	38–41
Locating Positions on an Open Number Line	42–43
Naming Points on a Number Line, Activity 1	44–45
Naming Points on a Number Line, Activity 2	46–48
Partitioning Objects, Activity 1	50–52
Partitioning Objects, Activity 2	54–57
Fractional Part Relationships, Activity 1	58–59
Fractional Part Relationships, Activity 2	60–61
Naming Parts Beyond a Whole, Activity 1	62–63
Naming Parts Beyond a Whole, Activity 2	64–66
Examples of Halves, Fourths, and Eighths, Activity 1	68–69
Examples of Halves, Fourths, and Eighths, Activity 2	70–71
Whole Number Operations	71–139
Recalling Addition and Subtraction Facts, Activity 1	72–75
Recalling Addition and Subtraction Facts, Activity 2	76–79
Recalling Addition and Subtraction Facts, Activity 3	80–83
Adding and Subtracting, Activity 1	84–87
Adding and Subtracting, Activity 2	88–90
Adding and Subtracting, Activity 3	92–94
Solving Addition and Subtraction Problems, Activity 1	96–98
Solving Addition and Subtraction Problems, Activity 2	100–102
Solving Addition and Subtraction Problems, Activity 3	104–106
Generating and Solving Addition and Subtraction Problems, Activity 1	108–111
Generating and Solving Addition and Subtraction Problems, Activity 2	112–114

Generating and Solving Addition and Subtraction Problems, Activity 3	116–118
Determining the Value of Coins	120–121
Using the Cent Symbol, Dollar Sign, and Decimal Point, Activity 1 ...	122–126
Using the Cent Symbol, Dollar Sign, and Decimal Point, Activity 2 ...	128–129
Joining Equivalent Sets, Activity 1	130–131
Joining Equivalent Sets, Activity 2	132–134
Separating Into Equivalent Sets, Activity 1	136–137
Separating Into Equivalent Sets, Activity 2	138–139
Algebraic Reasoning	140–159
Even or Odd, Activity 1	140–143
Even or Odd, Activity 2	144–145
More or Less, Activity 1	146–148
More or Less, Activity 2	150–152
Represent and Solve Addition and Subtraction Problems, Activity 1 ..	154–155
Represent and Solve Addition and Subtraction Problems, Activity 2 ..	156–157
Represent and Solve Addition and Subtraction Problems, Activity 3 ..	158–159
Geometry and Measurement.....	160–237
Creating Two-Dimensional Shapes, Activity 1	160–161
Creating Two-Dimensional Shapes, Activity 2	162–163
Creating Two-Dimensional Shapes, Activity 3	164–167
Classifying and Sorting Three-Dimensional Solids, Activity 1	168–170
Classifying and Sorting Three-Dimensional Solids, Activity 2	172–175
Classifying and Sorting Polygons, Activity 1	176–179
Classifying and Sorting Polygons, Activity 2	180–182
Composing Shapes and Solids, Activity 1	184–185
Composing Shapes and Solids, Activity 2	186–187
Composing Shapes and Solids, Activity 3	188–191
Decomposing Two-Dimensional Shapes, Activity 1	192–195
Decomposing Two-Dimensional Shapes, Activity 2	196–197
Measuring Length, Activity 1	198–199
Measuring Length, Activity 2	200–201
Inverse Relationship between Sizes and Numbers of Units	202–204
Representing Distances on a Number Line, Activity 1	206–207
Representing Distances on a Number Line, Activity 2	208–209
Measuring Length Using Rulers, Activity 1	210–211
Measuring Length Using Rulers, Activity 2	212–213
Solving Problems Involving Length, Activity 1	214–215
Solving Problems Involving Length, Activity 2	216–219
Solving Problems Involving Length, Activity 3	220–222
Determining Area, Activity 1	224–225
Determining Area, Activity 2	226–227
Determining Area, Activity 3	228–229
Read and Write Time, Activity 1	230–232
Read and Write Time, Activity 2	234–235
Read and Write Time, Activity 3	236–237

Data Analysis	238–268
Representing Data Points	238–239
Creating a Graph to Organize Data, Activity 1	240–243
Creating a Graph to Organize Data, Activity 2	244–247
Creating a Graph to Organize Data, Activity 3	248–251
Write and Solve Problems from Graphs, Activity 1	252–254
Write and Solve Problems from Graphs, Activity 2	256–258
Using a Graph to Draw Conclusions, Activity 1	260–261
Using a Graph to Draw Conclusions, Activity 2	262–263
Using a Graph to Draw Conclusions, Activity 3	264–268
Personal Financial Literacy	270–291
Impact of Savings over Time	270–271
Saving or Spending	272–274
Deposits and Withdrawals	276–277
Borrowing and Lending, Activity 1	278–279
Borrowing and Lending, Activity 2	280–283
Evaluating Lending Decisions	284–286
Producers and Consumers, Activity 1	288–289
Producers and Consumers, Activity 2	290–291