

1-1 Lesson Planning Guide (pp. 6–10)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 1-1.1: Use the four-step plan to solve real-life math-related problems.

_____ 1-1.2: Choose an appropriate method of computation.

New York Learning Standards for Math, Science, and Technology	New York Core Curriculum—Intermediate Grades 7–8
1.2.a	1.1A.a, 1.1A.c, 1.1B.a, 1.1B.f, 1.1B.g, 1.1C.c

NCTM Curriculum Standards: 1–4, 7, 8

1 FOCUS

_____ 5-Minute Check, *TWE*, p. 6

_____ ⇄ Transparency 1-1A

_____ Motivating the Lesson, Questioning, *TWE*, p. 7

2 TEACH

_____ In-Class Examples, *TWE*, pp. 7, 8

_____ ⇄ Transparency 1-1B

_____ Reteaching, Using Cooperative Groups, *TWE*, p. 8

_____ ⇄ Study Guide Masters, p. 1

_____ Alternative Learning Styles, Kinesthetic, *TWE*, p. 7

3 PRACTICE/APPLY

_____ Checking Your Understanding, *SE*, p. 9

_____ Error Analysis, *TWE*, p. 10

Homework Assignments

_____ Core: 7–12

_____ Enriched: 7–12

_____ Alternate Assignment: _____

_____ Extra Practice, *SE*, p. 740

_____ ⇄ Practice Masters, p. 1

4 ASSESS

_____ Closing Activity, Writing, *TWE*, p. 10

_____ Extension, Business Connection, *TWE*, p. 10

_____ ⇄ Enrichment Masters, p. 1

_____ ⇄ Multicultural Activity Masters, p. 1

_____ ⇄ Group Activity Card 1-1

KEY *SE* = Student Edition *TWE* = Teacher's Wraparound Edition ⇄ = Other Program Components

1-2 Lesson Planning Guide (pp. 11–15)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 1-2: Use the order of operations to evaluate expressions.

New York Learning Standards for Math, Science, and Technology	New York Core Curriculum—Intermediate Grades 7–8
3.3.c	3.3C.a, 3.3C.b, 3.3D.b

NCTM Curriculum Standards: 1–5, 7, 8

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 11
- _____ ⇨ Transparency 1-2A
- _____ Motivating the Lesson, Questioning, *TWE*, p. 11

2 TEACH

- _____ In-Class Examples, *TWE*, pp. 12–13
- _____ ⇨ Transparency 1-2B
- _____ Reteaching, Using Lists, *TWE*, p. 13
- _____ ⇨ Study Guide Masters, p. 2
- _____ Cooperative Learning, Round Table, *TWE*, p. 12

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 14
- _____ Error Analysis, *TWE*, p. 15

Homework Assignments

- _____ Core: 13–33 odd, 34, 35, 37–39
- _____ Enriched: 14–32 even, 34–39
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 740
- _____ ⇨ Practice Masters, p. 2

4 ASSESS

- _____ Closing Activity, Speaking, *TWE*, p. 15
- _____ Extension, Using Technology, *TWE*, p. 15
- _____ ⇨ Enrichment Masters, p. 2
- _____ ⇨ Group Activity Card 1-2

KEY *SE* = Student Edition *TWE* = Teacher's Wraparound Edition ⇨ = Other Program Components

1-3 Lesson Planning Guide (pp. 16–20)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 1-3.1: Evaluate expressions containing variables.
- _____ 1-3.2: Translate verbal phrases into algebraic expressions.

New York Learning Standards for Math, Science, and Technology	New York Core Curriculum—Intermediate Grades 7–8
1.1.a, 3.3.c, 3.4.e, 3.7.e	4.4E.b

NCTM Curriculum Standards: 1–4, 9

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 16
- _____ ⇨ Transparency 1-3A
- _____ Motivating the Lesson, Situational Problem, *TWE*, p. 17

2 TEACH

- _____ In-Class Examples, *TWE*, pp. 17, 18
- _____ ⇨ Transparency 1-3B
- _____ Reteaching, Using Models, *TWE*, p. 18
- _____ ⇨ Study Guide Masters, p. 3
- _____ Alternative Teaching Strategies, Reading Mathematics, *TWE*, p. 17
- _____ ⇨ Interactive Mathematics Tools Software, 1-3
- _____ Math Lab 1-3B, *SE*, p. 21

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 18

Homework Assignments

- _____ Core: 17–45 odd, 46, 47, 49–52
- _____ Enriched: 18–44 even, 46–52
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 740
- _____ ⇨ Practice Masters, p. 3
- _____ ⇨ Tech Prep Applications Masters, p. 1

4 ASSESS

- _____ Closing Activity, Writing, *TWE*, p. 20
- _____ ⇨ Assessment and Evaluation Masters, Quiz A, p. 15
- _____ Extension, Using Problem Solving, *TWE*, p. 19
- _____ ⇨ Enrichment Masters, p. 3
- _____ ⇨ Activity Masters, p. 15
- _____ ⇨ Group Activity Card 1-3

KEY *SE* = Student Edition *TWE* = Teacher's Wraparound Edition ⇨ = Other Program Components

1-4 Lesson Planning Guide (pp. 22–25)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 1-4.1: Identify properties of addition and multiplication.
- _____ 1-4.2: Use these properties to solve problems.

New York Learning Standards for Math, Science, and Technology	New York Core Curriculum—Intermediate Grades 7–8
3.7.d, 3.7.e	3.3D.b, 3.3D.c, 4.4E.b

NCTM Curriculum Standards: 1–4, 6, 7, 9

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 22
- _____ ⇨ Transparency 1-4A
- _____ Motivating the Lesson, Hands-On Activity, *TWE*, p. 23

2 TEACH

- _____ In-Class Examples, *TWE*, pp. 23, 24
- _____ ⇨ Transparency 1-4B
- _____ Reteaching, Using Manipulatives, *TWE*, p. 23
- _____ ⇨ Study Guide Masters, p. 4
- _____ Alternative Learning Styles, Visual, *TWE*, p. 22

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 24

Homework Assignments

- _____ Core: 17–51 odd, 52–56
- _____ Enriched: 16–48 even, 49–56
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 741
- _____ ⇨ Practice Masters, p. 4

4 ASSESS

- _____ Closing Activity, Act It Out, *TWE*, p. 25
- _____ Extension, Using Number Sense, *TWE*, p. 25
- _____ ⇨ Enrichment Masters, p. 4
- _____ ⇨ Group Activity Card 1-4

KEY *SE* = Student Edition *TWE* = Teacher's Wraparound Edition ⇨ = Other Program Components

1-5 Lesson Planning Guide (pp. 26–30)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 1-5: Simplify algebraic expressions using the distributive property.

New York Learning Standards for Math, Science, and Technology	New York Core Curriculum—Intermediate Grades 7–8
3.3.d	3.3D.b, 3.3D.c, 4.4E.b

NCTM Curriculum Standards: 1–4, 6, 7, 9

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 26
- _____ ⇨ Transparency 1-5A
- _____ Motivating the Lesson, Situational Problem, *TWE*, p. 27

2 TEACH

- _____ In-Class Examples, *TWE*, pp. 27, 28
- _____ ⇨ Transparency 1-5B
- _____ Reteaching, Using Manipulatives, *TWE*, p. 28
- _____ ⇨ Study Guide Masters, p. 5
- _____ ⇨ Math Lab and Modeling Math Masters, p. 76
- _____ Math Lab 1-5B, *SE*, p. 31

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 28

Homework Assignments

- _____ Core: 15–35 odd, 36, 37, 39–45
- _____ Enriched: 16–34 even, 36–45
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 741
- _____ ⇨ Practice Masters, p. 5

4 ASSESS

- _____ Closing Activity, Writing, *TWE*, p. 30
- _____ Self Test, *SE*, p. 30
- _____ ⇨ Assessment and Evaluation Masters, Quiz B, p. 15
- _____ ⇨ Assessment and Evaluation Masters, Mid-Chapter Test, p. 14
- _____ Extension, Using Technology, *TWE*, p. 29
- _____ ⇨ Enrichment Masters, p. 5
- _____ ⇨ Group Activity Card 1-5

KEY *SE* = Student Edition *TWE* = Teacher's Wraparound Edition ⇨ = Other Program Components

1-6 Lesson Planning Guide (pp. 32–35)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 1-6: Identify and solve open sentences.

New York Learning Standards for Math, Science, and Technology	New York Core Curriculum—Intermediate Grades 7–8
1.1.a, 3.4.e, 3.7.c	4.4E.b

NCTM Curriculum Standards: 1–4, 7, 9

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 32
- _____ ⇨ Transparency 1-6A
- _____ Motivating the Lesson, Situational Problem, *TWE*, p. 33

2 TEACH

- _____ In-Class Examples, *TWE*, p. 33
- _____ ⇨ Transparency 1-6B
- _____ Reteaching, Using Manipulatives, *TWE*, p. 32
- _____ ⇨ Study Guide Masters, p. 6

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 34

Homework Assignments

- _____ Core: 15–33 odd, 34, 35, 37–42
- _____ Enriched: 14–34 even, 35–42
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 741
- _____ ⇨ Practice Masters, p. 6
- _____ ⇨ Real-World Applications, 1

4 ASSESS

- _____ Closing Activity, Modeling, *TWE*, p. 35
- _____ Extension, Using Puzzles, *TWE*, p. 34
- _____ ⇨ Enrichment Masters, p. 6
- _____ ⇨ Activity Masters, p. 1
- _____ ⇨ Group Activity Card 1-6

KEY *SE* = Student Edition *TWE* = Teacher's Wraparound Edition ⇨ = Other Program Components

1-7 Lesson Planning Guide (pp. 36–40)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 1-7: Use ordered pairs to locate points, to organize data, and to explore how certain quantities in expressions are related to each other.

New York Learning Standards for Math, Science, and Technology	New York Core Curriculum—Intermediate Grades 7–8
3.4.c	4.4C.a

NCTM Curriculum Standards: 1–4, 9, 12

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 36
- _____ ⇨ Transparency 1-7A
- _____ Motivating the Lesson, Situational Problem, *TWE*, p. 37

2 TEACH

- _____ In-Class Examples, *TWE*, pp. 37, 38
- _____ ⇨ Transparency 1-7B
- _____ Reteaching, Using Models, *TWE*, p. 37
- _____ ⇨ Study Guide Masters, p. 7
- _____ Alternative Learning Styles, Kinesthetic, *TWE*, p. 36

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 39

Homework Assignments

- _____ Core: 11–27 odd, 28, 29, 31–37
- _____ Enriched: 10–26 even, 28–37
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 742
- _____ ⇨ Practice Masters, p. 7

4 ASSESS

- _____ Closing Activity, Speaking, *TWE*, p. 40
- _____ Extension, Using Graphing, *TWE*, p. 39
- _____ ⇨ Enrichment Masters, p. 7
- _____ ⇨ Group Activity Card 1-7

KEY *SE* = Student Edition *TWE* = Teacher's Wraparound Edition ⇨ = Other Program Components

1-8 Lesson Planning Guide (pp. 41–45)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 1-8.1: Use inverse operations to solve equations.
- _____ 1-8.2: Solve problems using equations.

New York Learning Standards for Math, Science, and Technology	New York Core Curriculum—Intermediate Grades 7–8
1.1.a, 3.7.c	3.3D.d, 4.4E.a, 4.4E.b

NCTM Curriculum Standards: 1–4, 6, 8, 9

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 41
- _____ ⇨ Transparency 1-8A
- _____ Motivating the Lesson, Hands-On Activity, *TWE*, p. 42

2 TEACH

- _____ In-Class Examples, *TWE*, pp. 42, 43
- _____ ⇨ Transparency 1-8B
- _____ Reteaching, Using Cooperative Groups, *TWE*, p. 43
- _____ ⇨ Study Guide Masters, p. 8
- _____ Alternative Learning Styles, Auditory, *TWE*, p. 42
- _____ ⇨ Interactive Mathematics Tools Software, 1-8

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 43
- _____ Error Analysis, *TWE*, p. 44

Homework Assignments

- _____ Core: 17–45 odd, 46–53
- _____ Enriched: 18–42 even, 43–53
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 742
- _____ ⇨ Practice Masters, p. 8
- _____ ⇨ Real-World Applications, 2
- _____ ⇨ Tech Prep Applications Masters, p. 2

4 ASSESS

- _____ Closing Activity, Modeling, *TWE*, p. 45
- _____ ⇨ Assessment and Evaluation Masters, Quiz C, p. 16
- _____ Extension, Using Cooperative Groups, *TWE*, p. 45
- _____ ⇨ Enrichment Masters, p. 8
- _____ ⇨ Activity Masters, p. 29
- _____ ⇨ Group Activity Card 1-8

KEY *SE* = Student Edition *TWE* = Teacher's Wraparound Edition ⇨ = Other Program Components

1-9 Lesson Planning Guide (pp. 46–49)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 1-9: Write and solve inequalities.

NCTM Curriculum Standards: 1–4, 9

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 46
- _____ ⇨ Transparency 1-9A
- _____ Motivating the Lesson, Situational Problem, *TWE*, p. 47

2 TEACH

- _____ In-Class Examples, *TWE*, p. 47
- _____ ⇨ Transparency 1-9B
- _____ Reteaching, Using Manipulatives, *TWE*, p. 47
- _____ ⇨ Study Guide Masters, p. 9
- _____ Alternative Teaching Strategies, Reading Mathematics, *TWE*, p. 46
- _____ ⇨ Graphing Calculator Masters, p. 1

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 48

Homework Assignments

- _____ Core: 13–33 odd, 34, 35, 37–44
- _____ Enriched: 14–32 even, 34–44
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 742
- _____ ⇨ Practice Masters, p. 9

4 ASSESS

- _____ Closing Activity, Writing, *TWE*, p. 49
- _____ Extension, Using Logical Reasoning, *TWE*, p. 49
- _____ ⇨ Enrichment Masters, p. 9
- _____ ⇨ Group Activity Card 1-9

KEY *SE* = Student Edition *TWE* = Teacher's Wraparound Edition ⇨ = Other Program Components

1-10 Lesson Planning Guide (pp. 51–55)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 1-10: Gather and record data in a frequency table or bar graph.

New York Learning Standards for Math, Science, and Technology	New York Core Curriculum—Intermediate Grades 7–8
	4.4G.c, 5.5D.d, 5.5E.b, 6.6C.a, 6.6C.d

NCTM Curriculum Standards: 1–4, 10

1 FOCUS

_____ 5-Minute Check, *TWE*, p. 51
 _____ ⇨ Transparency 1-10A

_____ Motivating the Lesson, Questioning, *TWE*, p. 51

2 TEACH

_____ Math Lab 1-10A, *SE*, p. 50
 _____ In-Class Examples, *TWE*, pp. 52, 53
 _____ ⇨ Transparency 1-10B
 _____ Reteaching, Using Modeling, *TWE*, p. 52

_____ ⇨ Study Guide Masters, p. 10
 _____ Cooperative Learning, Send-A-Problem, *TWE*, p. 51

3 PRACTICE/APPLY

_____ Checking Your Understanding, *SE*, p. 53

Homework Assignments

_____ Core: 11–16, 20, 21, 23–27
 _____ Enriched: 17–27
 _____ Alternate Assignment: _____

_____ Extra Practice, *SE*, p. 743

_____ ⇨ Practice Masters, p. 10

4 ASSESS

_____ Closing Activity, Speaking, *TWE*, p. 55
 _____ Extension, Using Cooperative Groups, *TWE*, p. 55
 _____ ⇨ Enrichment Masters, p. 10

_____ ⇨ Assessment and Evaluation Masters, Quiz D, p. 16
 _____ ⇨ Group Activity Card 1-10
 _____ ⇨ Multicultural Activity Masters, p. 2

Review and Assessment Options

_____ Chapter 1 Highlights, *SE*, p. 57
 _____ Chapter 1 Study Guide and Assessment, *SE*, pp. 58-60
 _____ Chapter 1 Alternative Assessment, *SE*, p. 61
 _____ Chapter 1 Test, *SE*, p. 774
 _____ ⇨ State Test Preparation CD-ROM
 _____ ⇨ *New York Practice and Sample Test Workbook*, Grade 8

_____ ⇨ Assessment and Evaluation Masters, Chapter 1 Tests, pp. 1-12; Performance Assessment, p. 13; Standardized Test Practice, p. 17; Cumulative Review, pp. 18-19
 _____ ⇨ Test and Review Software
 _____ ⇨ MindJogger Videoquizzes, Chapter 1

KEY SE = Student Edition TWE = Teacher's Wraparound Edition ⇨ = Other Program Components