

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.

_____ **South Carolina Math Curriculum Standards, Grade 8: NO III.C.1.**

_____ State/local objectives: _____

NCTM Curriculum Standards: 3, 6-10

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

_____ ⇔  *South Carolina Parent and Student Study Guide Workbook*, 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.

_____ State/local objectives: _____

NCTM Curriculum Standards: 2, 3, 6-9

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

_____ ⇨  *South Carolina Parent and Student Study Guide Workbook*, 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.
- _____ **South Carolina Math Curriculum Standards, Grade 8: ALG II.A.1.**
- _____ State/local objectives: _____

NCTM Curriculum Standards: 2, 6-10

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
- _____ ⇨  *South Carolina Parent and Student Study Guide Workbook*, p. 3

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

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.
- _____ **South Carolina Math Curriculum Standards, Grade 8: NO II.B.1., ALG II.A.1., ALG II.D.1.**
- _____ State/local objectives: _____

NCTM Curriculum Standards: 2, 3, 6-10

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
- _____ ⇔  *South Carolina Parent and Student Study Guide Workbook*, 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.
- _____ **South Carolina Math Curriculum Standards, Grade 8: NO II.B.1., ALG II.A.1., ALG II.D.1.**
- _____ State/local objectives: _____

NCTM Curriculum Standards: 2, 3, 4, 6-10

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
- _____ ⇨  *South Carolina Parent and Student Study Guide Workbook*, 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.
- _____ **South Carolina Math Curriculum Standards, Grade 8: ALG I.B.1., ALG II.A.1., ALG II.C.1., ALG II.D.1., MEA II.F.1.**
- _____ State/local objectives: _____

NCTM Curriculum Standards: 2, 3, 6-9

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
- _____ ⇨  *South Carolina Parent and Student Study Guide Workbook*, p. 6

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.

_____ **South Carolina Math Curriculum Standards, Grade 8: ALG II.A.1.**

_____ State/local objectives: _____

NCTM Curriculum Standards: 1, 2, 6-9

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

_____ ⇨  *South Carolina Parent and Student Study Guide Workbook*, 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.
- _____ **South Carolina Math Curriculum Standards, Grade 8: ALG I.B.1., ALG II.A.1., ALG II.C.1., ALG II.D.2.**
- _____ State/local objectives: _____

NCTM Curriculum Standards: 2, 3, 6-10

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
- _____ ⇨  *South Carolina Parent and Student Study Guide Workbook*, p. 8

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.

_____ **South Carolina Math Curriculum Standards, Grade 8: NO I.B.1., ALG I.B.1., ALG II.A.1.**

_____ State/local objectives: _____

NCTM Curriculum Standards: 2, 6-10

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

_____ ⇨  *South Carolina Parent and Student Study Guide Workbook*, 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.
- _____ **South Carolina Math Curriculum Standards, Grade 8: ALG II.D.1., ALG II.D.2., DAP I.B.1., DAP I.B.3.**
- _____ State/local objectives: _____

NCTM Curriculum Standards: 5-10

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
- _____ ⇨ *South Carolina Parent and Student Study Guide Workbook*, p. 10

4 ASSESS

- _____ Closing Activity, Speaking, *TWE*, p. 55
- _____ ⇨ Assessment and Evaluation Masters, Quiz D, p. 16
- _____ Extension, Using Cooperative Groups, *TWE*, p. 55
- _____ ⇨ Enrichment Masters, p. 10
- _____ ⇨ 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
- _____ ⇨ *South Carolina Parent and Student Study Guide Workbook*, p. 11
- _____ ⇨ *South Carolina PACT Workbook and Test Preparation, 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
- _____ Chapter 1 Test, *SE*, p. 774
- _____ ⇨ Test and Review Software
- _____ ⇨ *MindJogger Videoquizzes*, Chapter 1
- _____ ⇨ *State Test Preparation CD-ROM*

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