

2-1 Lesson Planning Guide (pp. 66–70)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 2-1: Graph integers on a number line and find absolute value.
- _____ **South Carolina Math Curriculum Standards, Grade 8: NO I.B.1., ALG II.A.1.**
- _____ State/local objectives: _____

NCTM Curriculum Standards: 1, 2, 5-10

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 66
- _____ ⇨ Transparency 2-1A
- _____ Motivating the Lesson, Situational Problem, *TWE*, p. 67

2 TEACH


- _____ In-Class Examples, *TWE*, pp. 67, 68
- _____ ⇨ Transparency 2-1B
- _____ Reteaching, Using Practice Partners, *TWE*, p. 68
- _____ ⇨ Study Guide Masters, p. 11
- _____ Alternative Teaching Strategies, Student Diversity, *TWE*, p. 66
- _____ Math Lab 2-1B, *SE*, p. 71

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 68
- _____ Error Analysis, *TWE*, p. 69

Homework Assignments

- _____ Core: 19–51 odd, 52–60
- _____ Enriched: 18–46 even, 47–60
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 743
- _____ ⇨ Practice Masters, p. 11
- _____ ⇨  *South Carolina Parent and Student Study Guide Workbook*, p. 12

4 ASSESS

- _____ Closing Activity, Act It Out, *TWE*, p. 70
- _____ Extension, Using Lists, *TWE*, p. 70
- _____ ⇨ Enrichment Masters, p. 11
- _____ ⇨ Activity Masters, p. 16
- _____ ⇨ Group Activity Card 2-1

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

2-2 Lesson Planning Guide (pp. 72–76)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 2-2: Graph points in all quadrants of the coordinate plane.
- _____ **South Carolina Math Curriculum Standards, Grade 8: ALG II.A.1.**
- _____ State/local objectives: _____

NCTM Curriculum Standards: 1-3, 6-10

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 72
- _____ ⇨ Transparency 2-2A
- _____ Motivating the Lesson, Hands-On Activity, *TWE*, p. 72

2 TEACH


- _____ In-Class Examples, *TWE*, pp. 73, 74
- _____ ⇨ Transparency 2-2B
- _____ Reteaching, Using Writing, *TWE*, p. 74
- _____ ⇨ Study Guide Masters, p. 12
- _____ Alternative Learning Styles, Kinesthetic, *TWE*, p. 73
- _____ Cooperative Learning, Pairs Check, *TWE*, p. 75
- _____ ⇨ Interactive Mathematics Tools Software, 2-2
- _____ Math Lab 2-2B, *SE*, p. 77

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 74
- _____ Error Analysis, *TWE*, p. 75

Homework Assignments

- _____ Core: 15–39 odd, 40–41, 43–49
- _____ Enriched: 14–38 even, 40–49
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 743
- _____ ⇨ Practice Masters, p. 12
- _____ ⇨  *South Carolina Parent and Student Study Guide Workbook*, p. 13

4 ASSESS

- _____ Closing Activity, Modeling, *TWE*, p. 76
- _____ ⇨ Assessment and Evaluation Masters, Quiz A, p. 43
- _____ Extension, Using Connections, *TWE*, p. 76
- _____ ⇨ Enrichment Masters, p. 12
- _____ ⇨ Activity Masters, p. 30
- _____ ⇨ Group Activity Card 2-2

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

2-3 Lesson Planning Guide (pp. 78–81)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 2-3: Compare and order integers.
- _____ **South Carolina Math Curriculum Standards, Grade 8: NO I.B.1.**
- _____ State/local objectives: _____

NCTM Curriculum Standards: 1, 2, 6-10

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 78
- _____ ⇨ Transparency 2-3A
- _____ Motivating the Lesson, Questioning, *TWE*, p. 78

2 TEACH


- _____ In-Class Examples, *TWE*, p. 79
- _____ ⇨ Transparency 2-3B
- _____ Reteaching, Using Models, *TWE*, p. 79
- _____ ⇨ Study Guide Masters, p. 13
- _____ Alternative Teaching Strategies, Reading Mathematics, *TWE*, p. 78
- _____ ⇨ Graphing Calculator Masters, p. 2

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 80
- _____ Error Analysis, *TWE*, p. 80

Homework Assignments

- _____ Core: 15–43 odd, 44–45, 47–53
- _____ Enriched: 16–42 even, 44–53
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 744
- _____ ⇨ Practice Masters, p. 13
- _____ ⇨ Tech Prep Applications Masters, p. 3
- _____ ⇨  *South Carolina Parent and Student Study Guide Workbook*, p. 14

4 ASSESS

- _____ Closing Activity, Speaking, *TWE*, p. 81
- _____ Extension, Using Connections, *TWE*, p. 81
- _____ ⇨ Enrichment Masters, p. 13
- _____ ⇨ Group Activity Card 2-3

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

2-4 Lesson Planning Guide (pp. 83–87)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 2-4: Add integers.

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

I.B.1.,

_____ State/local objectives: _____

NCTM Curriculum Standards: 1-3, 6-10

1 FOCUS

_____ 5-Minute Check, *TWE*, p. 83

_____ ⇨ Transparency 2-4A

_____ Motivating the Lesson, Situational Problem, *TWE*, p. 84

2 TEACH

_____ Math Lab 2-4A, *SE*, p. 82

_____ In-Class Examples, *TWE*, pp. 84, 85

_____ ⇨ Transparency 2-4B

_____ Reteaching, Using Models, *TWE*, p. 85

_____ ⇨ Study Guide Masters, p. 14

3 PRACTICE/APPLY

_____ Checking Your Understanding, *SE*, p. 86

_____ Error Analysis, *TWE*, p. 86

Homework Assignments


_____ Core: 19–55 odd, 57–65

_____ Enriched: 20–52 even, 53–65

_____ Alternate Assignment: _____

_____ Extra Practice, *SE*, p. 744

_____ ⇨ Practice Masters, p. 14

_____ ⇨  *South Carolina Parent and Student Study Guide Workbook*, p. 15

4 ASSESS

_____ Closing Activity, Writing, *TWE*, p. 87

_____ ⇨ Assessment and Evaluation Masters, Quiz B, p. 43

_____ ⇨ Assessment and Evaluation Masters, Mid-Chapter Test, p. 42

_____ Extension, Using Manipulatives, *TWE*, p. 87

_____ ⇨ Enrichment Masters, p. 14

_____ ⇨ Activity Masters, p. 31

_____ ⇨ Group Activity Card 2-4

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

2-5 Lesson Planning Guide (pp. 89–93)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 2-5: Subtract integers.
- _____ **South Carolina Math Curriculum Standards, Grade 8: NO I.B.1., NO III.A.1., NO III.B.1., ALG I.B.1., ALG II.A.1., ALG II.C.1., ALG II.D.1., ALG II.D.2.**
- _____ State/local objectives: _____

NCTM Curriculum Standards: 1-3, 6-10

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 89
- _____ ⇨ Transparency 2-5A
- _____ Motivating the Lesson, Questioning, *TWE*, p. 90

2 TEACH

- _____ Math Lab 2-5A, *SE*, p. 88
- _____ In-Class Examples, *TWE*, p. 90
- _____ ⇨ Transparency 2-5B
- _____ Reteaching, Using Models, *TWE*, p. 91
- _____ ⇨ Study Guide Masters, p. 15
- _____ Alternative Learning Styles, Visual, *TWE*, p. 89

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 91

Homework Assignments

- _____ Core: 23–57 odd, 59–69
- _____ Enriched: 24–54 even, 55–69
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 744
- _____ ⇨ Practice Masters, p. 15
- _____ ⇨ Real-World Applications, 3
- _____ ⇨ Tech Prep Applications Masters, p. 4
- _____ ⇨ *South Carolina Parent and Student Study Guide Workbook*, p. 16

4 ASSESS

- _____ Closing Activity, Modeling, *TWE*, p. 93
- _____ Self Test, *SE*, p. 93
- _____ Extension, Using Models, *TWE*, p. 93
- _____ ⇨ Enrichment Masters, p. 15
- _____ ⇨ Multicultural Activity Masters, p. 3
- _____ ⇨ Group Activity Card 2-5

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

2-6 Lesson Planning Guide (pp. 94–97)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 2-6: Solve problems by looking for a pattern.
- _____ **South Carolina Math Curriculum Standards, Grade 8: ALG II.D.1., ALG II.D.2., GEO IV.C.1.**
- _____ State/local objectives: _____

NCTM Curriculum Standards: 2, 3, 6-9

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 94
- _____ ⇔ Transparency 2-6A
- _____ Motivating the Lesson, Situational Problem, *TWE*, p. 94

2 TEACH


- _____ In-Class Examples, *TWE*, p. 95
- _____ ⇔ Transparency 2-6B
- _____ Reteaching, Using Comparisons, *TWE*, p. 95
- _____ ⇔ Study Guide Masters, p. 16
- _____ Alternative Learning Styles, Auditory, *TWE*, p. 96

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 95
- _____ Error Analysis, *TWE*, p. 96

Homework Assignments

- _____ Core: 9–21 odd, 22–26
- _____ Enriched: 10–20 even, 21–26
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 744
- _____ ⇔ Practice Masters, p. 16
- _____ ⇔  *South Carolina Parent and Student Study Guide Workbook*, p. 17

4 ASSESS

- _____ Closing Activity, Speaking, *TWE*, p. 97
- _____ ⇔ Assessment and Evaluation Masters, Quiz C, p. 44
- _____ Extension, Using Diagrams, *TWE*, p. 97
- _____ ⇔ Enrichment Masters, p. 16
- _____ ⇔ Activity Masters, p. 32
- _____ ⇔ Group Activity Card 2-6

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

2-7 Lesson Planning Guide (pp. 99–103)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 2-7: Multiply integers.
- _____ **South Carolina Math Curriculum Standards, Grade 8: NO III.A.1., NO III.B.1., ALG I.B.1., ALG II.A.1., ALG II.C.1., ALG II.D.1., ALG II.D.2.**
- _____ State/local objectives: _____

NCTM Curriculum Standards: 1-3, 6-10

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 99
- _____ ⇨ Transparency 2-7A
- _____ Motivating the Lesson, Questioning, *TWE*, p. 100

2 TEACH


- _____ Math Lab 2-7A, *SE*, p. 98
- _____ In-Class Examples, *TWE*, pp. 100, 101
- _____ ⇨ Transparency 2-7B
- _____ Reteaching, Using Models, *TWE*, p. 101
- _____ ⇨ Study Guide Masters, p. 17
- _____ Alternative Teaching Strategies, Student Diversity, *TWE*, p. 99
- _____ Cooperative Learning, Trade-A-Problem, *TWE*, p. 100

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 101
- _____ Error Analysis, *TWE*, p. 102

Homework Assignments

- _____ Core: 21–49 odd, 50–58
- _____ Enriched: 20–46 even, 47–58
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 745
- _____ ⇨ Practice Masters, p. 17
- _____ ⇨  *South Carolina Parent and Student Study Guide Workbook*, p. 18

4 ASSESS

- _____ Closing Activity, Speaking, *TWE*, p. 103
- _____ Extension, Using Cooperative Groups, *TWE*, p. 103
- _____ ⇨ Enrichment Masters, p. 17
- _____ ⇨ Activity Masters, p. 2
- _____ ⇨ Multicultural Activity Masters, p. 4
- _____ ⇨ Group Activity Card 2-7

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

2-8 Lesson Planning Guide (pp. 104–108)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 2-8: Divide integers.

_____ **South Carolina Math Curriculum Standards, Grade 8: NO III.A.1., NO III.B.1.,
ALG I.B.1., ALG II.A.1., ALG II.C.1., ALG II.D.2.**

_____ State/local objectives: _____

NCTM Curriculum Standards: 1-3, 6-10

1 FOCUS

_____ 5-Minute Check, *TWE*, p. 104
_____ ⇨ Transparency 2-8A

_____ Motivating the Lesson, Hands-On Activity,
TWE, p. 104

2 TEACH

_____ In-Class Examples, *TWE*, pp. 105, 106
_____ ⇨ Transparency 2-8B
_____ Reteaching, Using Writing, *TWE*, p. 106

_____ ⇨ Study Guide Masters, p. 18
_____ ⇨ Math Lab and Modeling Math
Masters, p. 77

3 PRACTICE/APPLY

_____ Checking Your Understanding, *SE*, p. 106

_____ Error Analysis, *TWE*, p. 107

Homework Assignments

_____ Core: 21–51 odd, 53, 55–67
_____ Enriched: 20–52 even, 53–67
_____ Alternate Assignment: _____

_____ Extra Practice, *SE*, p. 745
_____ ⇨ *South Carolina Parent and Student
Study Guide Workbook*, p. 19

_____ ⇨ Real-World Applications, 4
_____ ⇨ Practice Masters, p. 18

4 ASSESS

_____ Closing Activity, Writing, *TWE*, p. 108
_____ ⇨ Assessment and Evaluation Masters,
Quiz D, p. 44
_____ Extension, Using Manipulatives,
TWE, p. 108

_____ ⇨ Enrichment Masters, p. 18
_____ ⇨ Activity Masters, p. 33
_____ ⇨ Group Activity Card 2-8

Review and Assessment Options

_____ Chapter 2 Highlights, *SE*, p. 109
_____ Chapter 2 Study Guide and Assessment,
SE, pp. 110–112
_____ Chapter 2 Alternative Assessment, *SE*, p. 113

_____ Chapter 2 Test, *SE*, p. 775
_____ ⇨ Test and Review Software
_____ ⇨ *MindJogger Videoquizzes*, Chapter 2
_____ ⇨ *State Test Preparation CD-ROM*

_____ ⇨ *South Carolina Parent and Student Study Guide Workbook*, p. 20

_____ ⇨ *South Carolina PACT Workbook and Test Preparation, Grade 8*

_____ ⇨ Assessment and Evaluation Masters, Chapter 2 Tests, pp. 29–40; Performance Assessment,
p. 41; Standardized Test Practice, p. 45; Cumulative Review, pp. 46–47

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3-1 Lesson Planning Guide (pp. 118–122)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 3-1: Solve problems by eliminating possibilities.
- _____ **South Carolina Math Curriculum Standards, Grade 8: ALG II.A.1.**
- _____ State/local objectives: _____

NCTM Curriculum Standards: 6-9

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 118
- _____ ⇨ Transparency 3-1A
- _____ Motivating the Lesson, Situational Problem, *TWE*, p. 118

2 TEACH


- _____ In-Class Examples, *TWE*, p. 119
- _____ ⇨ Transparency 3-1B
- _____ Reteaching, Using Discussion, *TWE*, p. 120
- _____ ⇨ Study Guide Masters, p. 19
- _____ Alternative Learning Styles, Kinesthetic, *TWE*, p. 119

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 120

Homework Assignments

- _____ Core: 7–20
- _____ Enriched: 7–20
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 745
- _____ ⇨ Practice Masters, p. 19
- _____ ⇨  *South Carolina Parent and Student Study Guide Workbook*, p. 21

4 ASSESS

- _____ Closing Activity, Writing, *TWE*, p. 122
- _____ Extension, Using Manipulatives, *TWE*, p. 122
- _____ ⇨ Enrichment Masters, p. 19
- _____ ⇨ Group Activity Card 3-1

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