

# 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.
- \_\_\_\_\_ **Georgia Quality Core Curriculum, Pre-Algebra: 1**

## 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
- \_\_\_\_\_ ⇨  Georgia 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

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# 2-2 Lesson Planning Guide



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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.
- \_\_\_\_\_ **Georgia Quality Core Curriculum, Pre-Algebra: 1, 30**

## 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
- \_\_\_\_\_ ⇨ Georgia 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

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# 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.
- \_\_\_\_\_ **Georgia Quality Core Curriculum, Pre-Algebra: 1, 4**

## 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
- \_\_\_\_\_ ⇨  Georgia 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

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# 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.
- \_\_\_\_\_ Georgia Quality Core Curriculum, Pre-Algebra: 1, 21, 23

## 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
- \_\_\_\_\_ ⇨ Georgia 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

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# 2-5 Lesson Planning Guide



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Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_

Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

Materials/resources needed: \_\_\_\_\_

## Objectives

- \_\_\_\_\_ 2-5: Subtract integers.
- \_\_\_\_\_ **Georgia Quality Core Curriculum, Pre-Algebra: 1, 23**

## 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
- \_\_\_\_\_ ⇨ Georgia 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

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# 2-6 Lesson Planning Guide



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Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_

Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

Materials/resources needed: \_\_\_\_\_

## Objectives

- \_\_\_\_\_ 2-6: Solve problems by looking for a pattern.
- \_\_\_\_\_ **Georgia Quality Core Curriculum, Pre-Algebra: 1**

## 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
- \_\_\_\_\_ ⇨ Georgia 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

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# 2-7 Lesson Planning Guide



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Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_

Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

Materials/resources needed: \_\_\_\_\_

## Objectives

- \_\_\_\_\_ 2-7: Multiply integers.
- \_\_\_\_\_ **Georgia Quality Core Curriculum, Pre-Algebra: 1, 17, 23**

## 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
- \_\_\_\_\_ ⇨ Georgia 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

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# 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.
- \_\_\_\_\_ **Georgia Quality Core Curriculum, Pre-Algebra: 1, 23**

## 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
- \_\_\_\_\_ ⇨ Practice Masters, p. 18
- \_\_\_\_\_ ⇨ Real-World Applications, 4
- \_\_\_\_\_ ⇨ Georgia Parent and Student Study Guide Workbook, p. 19

### 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
- \_\_\_\_\_ ⇨ Assessment and Evaluation Masters, Chapter 2 Tests, pp. 29–40; Performance Assessment, p. 41; Standardized Test Practice, p. 45; Cumulative Review, pp. 46–47
- \_\_\_\_\_ ⇨ MindJogger Videoquizzes, Chapter 2
- \_\_\_\_\_ ⇨ State Test Preparation CD-ROM
- \_\_\_\_\_ ⇨ Georgia Parent and Student Study Guide Workbook, p. 20
- \_\_\_\_\_ ⇨ Georgia Stanford 9 Practice and Sample Test Workbook
- \_\_\_\_\_ ⇨ Test and Review Software

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