

7-1 Lesson Planning Guide (pp. 330–332)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 6-6: Use the mean, median, and mode as measures of central tendency.

_____ State/local objectives: _____

NCTM Curriculum Standards: 1, 2, 5-10

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 301
- _____ ⇨ Transparency 6-6A
- _____ Motivating the Lesson, Questioning, *TWE*, p. 302

2 TEACH

- _____ Math Lab 6-6A, *SE*, p. 300
- _____ In-Class Examples, *TWE*, p. 303
- _____ ⇨ Transparency 6-6B
- _____ Reteaching, Using Models, *TWE*, p. 304
- _____ ⇨ Study Guide Masters, p. 50
- _____ ⇨ Interactive Mathematics Tools Software, 6-6
- _____ Math Lab 6-6B, *SE*, p. 307

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 304

_____ Error Analysis, *TWE*, p. 305

Homework Assignments

_____ Core: 9–25 odd, 26, 27, 29, 31–36

_____ Enriched: 10–24 even, 26–36

_____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 754
- _____ ⇨ Practice Masters, p. 50
- _____ ⇨ Real-World Applications, 12

4 ASSESS

- _____ Closing Activity, Modeling, *TWE*, p. 306
- _____ Extension, Work Backward, *TWE*, p. 306
- _____ ⇨ Enrichment Masters, p. 50
- _____ ⇨ Multicultural Activity Masters, p. 12
- _____ ⇨ Group Activity Card 6-6

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7-2 Lesson Planning Guide (pp. 334–337)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 6-7: Solve equations and inequalities containing rational numbers.

_____ State/local objectives: _____

NCTM Curriculum Standards: 2-4, 6-9

1 FOCUS

_____ 5-Minute Check, *TWE*, p. 308

_____ ⇨ Transparency 6-7A

_____ Motivating the Lesson, Questioning, *TWE*, p. 309

2 TEACH

_____ In-Class Examples, *TWE*, pp. 309, 310

_____ ⇨ Transparency 6-7B

_____ Reteaching, Using Examples, *TWE*, p. 310

_____ ⇨ Study Guide Masters, p. 51

_____ ⇨ Math Lab and Modeling Math Masters, p. 64

3 PRACTICE/APPLY

_____ Checking Your Understanding, *SE*, p. 310

Homework Assignments

_____ Core: 13–35 odd, 37–42

_____ Enriched: 12–32 even, 33–42

_____ Alternate Assignment: _____

_____ Extra Practice, *SE*, p. 755

_____ ⇨ Practice Masters, p. 51

_____ ⇨ Real-World Applications, 13

4 ASSESS

_____ Closing Activity, Modeling, *TWE*, p. 311

_____ ⇨ Assessment and Evaluation Masters, Quiz C, p. 156

_____ Extension, Using Partners, *TWE*, p. 311

_____ ⇨ Enrichment Masters, p. 51

_____ ⇨ Group Activity Card 6-7

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7-3 Lesson Planning Guide (pp. 338–340)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 6-8.1: Recognize and extend geometric sequences.

_____ 6-8.2: Represent them algebraically.

_____ State/local objectives: _____

NCTM Curriculum Standards: 2, 3, 6-10

1 FOCUS

_____ 5-Minute Check, *TWE*, p. 312

_____ ⇨ Transparency 6-8A

_____ Motivating the Lesson, Hands-On Activity, *TWE*, p. 312

2 TEACH

_____ In-Class Examples, *TWE*, pp. 313, 314

_____ ⇨ Transparency 6-8B

_____ Reteaching, Using Cooperative Groups, *TWE*, p. 314

_____ ⇨ Study Guide Masters, p. 52

_____ ⇨ Graphing Calculator Masters, p. 6

_____ ⇨ Interactive Mathematics Tools Software, 6-8

3 PRACTICE/APPLY

_____ Checking Your Understanding, *SE*, p. 314

Homework Assignments

_____ Core: 15–37 odd, 39–46

_____ Enriched: 14–32 even, 33–46

_____ Alternate Assignment: _____

_____ Extra Practice, *SE*, p. 755

_____ ⇨ Practice Masters, p. 52

4 ASSESS

_____ Closing Activity, Speaking, *TWE*, p. 316

_____ Extension, Using Tables, *TWE*, p. 316

_____ ⇨ Enrichment Masters, p. 52

_____ ⇨ Group Activity Card 6-8

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7-4 Lesson Planning Guide (pp. 341–344)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 6-9: Write numbers in scientific notation.

State/local objectives:

NCTM Curriculum Standards: 2, 3, 6-9

1 FOCUS

_____ 5-Minute Check, *TWE*, p. 317
_____ ⇨ Transparency 6-9A

_____ Motivating the Lesson, Questioning,
TWE, p. 317

2 TEACH

_____ In-Class Examples, *TWE*, p. 318
_____ ⇨ Transparency 6-9B
_____ Reteaching, Using Models, *TWE*, p. 318
_____ ⇨ Study Guide Masters, p. 53
_____ Alternative Learning Styles, Visual, *TWE*, p. 317

_____ Cooperative Learning, Jigsaw,
TWE, p. 318
_____ ⇨ Math Lab and Modeling Math
Masters, p. 81

3 PRACTICE/APPLY

_____ Checking Your Understanding, *SE*, p. 319

Homework Assignments

_____ Core: 15–37 odd, 38–43
_____ Enriched: 14–34 even, 35–43
_____ Alternate Assignment: _____

Extra Practice, *SE*, p. 755

⇨ Practice Masters, p. 53

_____ ⇨ *South Carolina Parent and Student Study Guide Workbook*, p. 58

4 ASSESS

_____ Closing Activity, Speaking, *TWE*, p. 320
_____ ⇨ Assessment and Evaluation Masters,
Quiz D, p. 156

_____ ⇨ Enrichment Masters, p. 53
_____ ⇨ Group Activity Card 6-9

_____ Extension, Using Science Connections, *TWE*, p. 319

Review and Assessment Options

_____ Chapter 6 Highlights, *SE*, p. 321
_____ Chapter 6 Study Guide and Assessment,
SE, pp. 322-324
_____ Chapter 6 Alternative Assessment,
SE, p. 325

_____ Chapter 6 Test, *SE*, p. 779
_____ ⇨ Test and Review Software
_____ ⇨ *MindJogger Videoquizzes*, Chapter 6
_____ ⇨ *State Test Preparation CD-ROM*

_____ ⇨ *South Carolina Parent and Student Study Guide Workbook*, p. 59

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

_____ ⇨ Assessment and Evaluation Masters, Chapter 6 Tests, pp. 141–152; Performance
Assessment, p. 153; Standardized Test Practice, p. 157; Cumulative Review, pp. 158–159

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7-5 Lesson Planning Guide (pp. 346–350)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 7-1: Solve problems by working backward.

NCTM Curriculum Standards: 6-10

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 330
- _____ ⇨ Transparency 7-1A
- _____ Motivating the Lesson, Hands-On Activity, *TWE*, p. 330

2 TEACH

- _____ In-Class Examples, *TWE*, p. 331
- _____ ⇨ Transparency 7-1B
- _____ Reteaching, Using Lists, *TWE*, p. 331
- _____ ⇨ Study Guide Masters, p. 54
- _____ ⇨ Math Lab and Modeling Math Masters, p. 82

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 331

Homework Assignments

- _____ Core: 7–19
- _____ Enriched: 7–19

_____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 756
- _____ ⇨ Practice Masters, p. 54

_____ ⇨ *South Carolina Parent and Student Study Guide Workbook*, p. 60

4 ASSESS

- _____ Closing Activity, Speaking, *TWE*, p. 332
- _____ Extension, Analyzing Mazes, *TWE*, p. 332
- _____ ⇨ Enrichment Masters, p. 54
- _____ ⇨ Activity Masters, pp. 7, 38
- _____ ⇨ Group Activity Card 7-1

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7-6 Lesson Planning Guide (pp. 351–354)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 7-2: Solve equations that involve more than one operation.
- _____ **South Carolina Math Curriculum Standards, Grade 8: ALG I.B.1., ALG II.C.1., ALG II.D.2., DAP III.C.1.**

NCTM Curriculum Standards: 1, 2, 4, 6-10

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 334
- _____ ⇨ Transparency 7-2A
- _____ Motivating the Lesson, Questioning, *TWE*, p. 334

2 TEACH


- _____ Math Lab 7-2A, *SE*, p. 333
- _____ In-Class Examples, *TWE*, p. 335
- _____ ⇨ Transparency 7-2B
- _____ Reteaching, Using Flowcharts, *TWE*, p. 335
- _____ ⇨ Study Guide Masters, p. 55
- _____ Alternative Learning Styles, Auditory, *TWE*, p. 334

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 335
- _____ Error Analysis, *TWE*, p. 336

Homework Assignments

- _____ Core: 13–37 odd, 38–44
- _____ Enriched: 12–32 even, 33–44
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 756
- _____ ⇨ Practice Masters, p. 55
- _____ ⇨  *South Carolina Parent and Student Study Guide Workbook*, p. 61

4 ASSESS

- _____ Closing Activity, Modeling, *TWE*, p. 337
- _____ ⇨ Assessment and Evaluation Masters, Quiz A, p. 183
- _____ Extension, Using Connections, *TWE*, p. 336
- _____ ⇨ Enrichment Masters, p. 55
- _____ ⇨ Group Activity Card 7-2

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7-7 Lesson Planning Guide (pp. 355–357)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

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

7-8 Lesson Planning Guide (pp. 358–361)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 7-3: Solve verbal problems by writing and solving equations.
- _____ South Carolina Math Curriculum Standards, Grade 8: ALG I.B.1., ALG II.C.1., ALG II.D.2.

NCTM Curriculum Standards: 2, 6-10

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 338
- _____ ⇨ Transparency 7-3A
- _____ Motivating the Lesson, Questioning, *TWE*, p. 338


2 TEACH


- _____ In-Class Examples, *TWE*, p. 339
- _____ ⇨ Transparency 7-3B
- _____ Reteaching, Act It Out, *TWE*, p. 339
- _____ ⇨ Study Guide Masters, p. 56
- _____ Alternative Teaching Strategies, Reading Mathematics, *TWE*, p. 338

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 340

Homework Assignments

- _____ Core: 7–17 odd, 18–19, 21–25
- _____ Enriched: 6–16 even, 18–25
- _____ Alternate Assignment: _____ ⇨  *South Carolina Parent and Student Study Guide Workbook*, p. 67

- _____ Extra Practice, *SE*, p. 756
- _____ ⇨ Practice Masters, p. 56
- _____ ⇨ Tech Prep Applications Masters, p. 13
- _____ ⇨  *South Carolina Parent and Student Study Guide Workbook*, p. 62

4 ASSESS

- _____ Closing Activity, Writing, *TWE*, p. 340
- _____ Extension, Make Up A Problem, *TWE*, p. 340
- _____ ⇨ Enrichment Masters, p. 56
- _____ ⇨ Group Activity Card 7-3

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