Objectives

_____ 8-1: Use tables and graphs to represent relations and functions.

__________________

Georgia Quality Core Curriculum, Pre-Algebra: 1

NCTM Curriculum Standards: 1-3, 5-10

1 FOCUS

_____ 5-Minute Check, TWE, p. 372

_____ Transparency 8-1A

_____ Motivating the Lesson, Questioning, TWE, p. 372

2 TEACH

_____ In-Class Examples, TWE, pp. 373, 374

_____ Transparency 8-1B

_____ Reteaching, Using Manipulatives, TWE, p. 374

_____ Study Guide Masters, p. 62

_____ Alternative Learning Styles, Auditory, TWE, p. 372

_____ Cooperative Learning, Formations, TWE, p. 373

3 PRACTICE/APPLY

_____ Checking Your Understanding, SE, p. 374

Homework Assignments

_____ Core: 17–43 odd, 44–51

_____ Enriched: 16–38 even, 40–51

_____ Alternate Assignment: ________________________________

_____ Extra Practice, SE, p. 758

_____ Transparency Masters, p. 62

_____ Georgia Parent and Student Study Guide Workbook, p. 69

4 ASSESS

_____ Closing Activity, Modeling, TWE, p. 377

_____ Extension, Using Cooperative Groups, TWE, p. 376

_____ Enrichment Masters, p. 62

_____ Group Activity Card 8-1

KEY

SE = Student Edition  TWE = Teacher’s Wraparound Edition  ☀ = Other Program Components
**Objectives**

___ 8-2: Construct and interpret scatter plots.

___ Georgia Quality Core Curriculum, Pre-Algebra: 1, 29, 31

**NCTM Curriculum Standards: 1-3, 5-10**

**1 FOCUS**

___ 5-Minute Check, *TWE*, p. 379

___ Transparency 8-2A

___ Motivating the Lesson, Situational Problem, *TWE*, p. 380

**2 TEACH**

___ Math Lab 8-2A, *SE*, p. 378

___ In-Class Examples, *TWE*, p. 380

___ Transparency 8-2B

___ Reteaching, Using Manipulatives, *TWE*, p. 381

___ Study Guide Masters, p. 63

___ Alternative Teaching Strategies, Student Diversity, *TWE*, p. 379

___ Interactive Mathematics Tools Software, 8-2

**3 PRACTICE/APPLY**

___ Checking Your Understanding, *SE*, p. 381

___ Error Analysis, *TWE*, p. 382

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**Homework Assignments**

___ Core: 11–23 odd, 24, 25, 29–33

___ Enriched: 12–22 even, 23–33

___ Alternate Assignment: __________________________________________________________

___ Extra Practice, *SE*, p. 758

___ Practice Masters, p. 63

___ Real-World Applications, 16

___ Georgia Parent and Student Study Guide Workbook, p. 70

**4 ASSESS**

___ Closing Activity, Writing, *TWE*, p. 384

___ Extension, Using Cooperative Groups, *TWE*, p. 383

___ Enrichment Masters, p. 63

___ Multicultural Activity Masters, p. 15

___ Group Activity Card 8-2

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**KEY**  
*SE* = Student Edition  
*TWE* = Teacher’s Wraparound Edition  
ıldığı = Other Program Components
Objectives

- 8-3.1: Find solutions for relations with two variables.
- 8-3.2: Graph the solutions.

- Georgia Quality Core Curriculum, Pre-Algebra: 1, 30

NCTM Curriculum Standards: 2, 3, 6-10

1 FOCUS

- 5-Minute Check, TWE, p. 385
- ♦ Transparency 8-3A
- ♦ Motivating the Lesson, Situational Problem, TWE, p. 386

2 TEACH

- In-Class Examples, TWE, p. 386
- ♦ Transparency 8-3B
- ♦ Reteaching, Using Lists, TWE, p. 387
- ♦ Study Guide Masters, p. 64
- ♦ Cooperative Learning, Round Table, TWE, p. 388
- ♦ Interactive Mathematics Tools Software, 8-3
- ♦ Math Lab 8-3B, SE, p. 391

3 PRACTICE/APPLY

- Checking Your Understanding, SE, p. 387
- Error Analysis, TWE, p. 389

Homework Assignments

- Core: 21–55 odd, 56–57, 59–70
- Enriched: 20–54 even, 56–70
- Alternate Assignment: ___________________________________________________________

- Extra Practice, SE, p. 759
- ♦ Practice Masters, p. 64
- ♦ Georgia Parent and Student Study Guide Workbook, p. 71

4 ASSESS

- Closing Activity, Speaking, TWE, p. 390
- ♦ Assessment and Evaluation Masters, Quiz A, p. 211
- ♦ Extension, Using Research, TWE, p. 390
- ♦ Enrichment Masters, p. 64
- ♦ Group Activity Card 8-3

KEY

SE = Student Edition  TWE = Teacher’s Wraparound Edition  ♦ = Other Program Components

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Objectives

- 8-4.1: Determine whether an equation represents a function.
- 8-4.2: Find functional values for a given function.

Georgia Quality Core Curriculum, Pre-Algebra: 1, 30

NCTM Curriculum Standards: 2, 3, 6-10

1 FOCUS
- 5-Minute Check, TWE, p. 392
- Transparency 8-4A
- Motivating the Lesson, Situational Problem, TWE, p. 392

2 TEACH
- In-Class Examples, TWE, p. 393
- Transparency 8-4B
- Reteaching, Using Tables, TWE, p. 394
- Study Guide Masters, p. 65
- Alternative Learning Styles, Kinesthetic, TWE, p. 392
- Graphing Calculator Masters, p. 8
- Interactive Mathematics Tools Software, 8-4

3 PRACTICE/APPLY
- Checking Your Understanding, SE, p. 394

Homework Assignments
- Core: 13–31 odd, 32, 33, 35–40
- Enriched: 12–30 even, 32–40
- Alternate Assignment:

Extra Practice, SE, p. 759
- Practice Masters, p. 65
- Georgia Parent and Student Study Guide Workbook, p. 72

4 ASSESS
- Closing Activity, Modeling, TWE, p. 395
- Extension, Using Connections, TWE, p. 395
- Enrichment Masters, p. 65
- Group Activity Card 8-4

KEY
- SE = Student Edition
- TWE = Teacher’s Wraparound Edition
- = Other Program Components
8-5 Lesson Planning Guide

(pp. 396–399)

Teacher’s Name_________________________________ Dates__________________

Grade___________________ Class____________________ M    Tu    W    Th    F

Materials/resources needed:_______________________________________________

Objectives

_____ 8-5: Solve problems by using graphs.

_____ Georgia Quality Core Curriculum, Pre-Algebra: 1, 7, 8, 29, 30, 31

NCTM Curriculum Standards: 1-3, 6-10

1 FOCUS

_____ 5-Minute Check, TWE, p. 396

    Transparency 8-5A

_____ Motivating the Lesson, Questioning, TWE, p. 397

2 TEACH

_____ In-Class Examples, TWE, p. 397

    Transparency 8-5B

_____ Reteaching, Using Questioning, TWE, p. 397

    Study Guide Masters, p. 66

_____ Alternative Teaching Strategies, Reading Mathematics, TWE, p. 396

3 PRACTICE/APPLY

_____ Checking Your Understanding, SE, p. 398

_____ Error Analysis, TWE, p. 398

Homework Assignments

- Core: 6–17

- Enriched: 6–17

- Alternate Assignment: ________________________________________________

- Extra Practice, SE, p. 759

    Practice Masters, p. 66

    Tech Prep Applications Masters, p. 15

    Georgia Parent and Student Study Guide Workbook, p. 73

4 ASSESS

_____ Closing Activity, Speaking, TWE, p. 399

_____ Self Test, SE, p. 399

    Assessment and Evaluation Masters, Quiz B, p. 211

    Assessment and Evaluation Masters, Mid-Chapter Test, p. 210

_____ Extension, Business Application, TWE, p. 398

    Enrichment Masters, p. 66

    Activity Masters, p. 22

    Group Activity Card 8-5

KEY  SE = Student Edition  TWE = Teacher’s Wraparound Edition   = Other Program Components

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8-6 Lesson Planning Guide
(pp. 400–404)

Teacher’s Name_________________________________ Dates__________________
Grade___________________ Class____________________ M Tu W Th F

Materials/resources needed:_______________________________________________

Objectives

8-6: Find the slope of a line.

Georgia Quality Core Curriculum, Pre-Algebra: 1, 18, 30, 31

NCTM Curriculum Standards: 2, 3, 6-10

1 FOCUS

5-Minute Check, TWE, p. 400
Transparency 8-6A
Motivating the Lesson, Questioning, TWE, p. 400

2 TEACH

In-Class Examples, TWE, p. 401
Transparency 8-6B
Reteaching, Using Comparison, TWE, p. 402
Study Guide Masters, p. 67
Alternative Learning Styles, Visual, TWE, p. 400
Cooperative Learning, Group Discussion, TWE, p. 401
Interactive Mathematics Tools Software, 8-6
Math Lab 8-6B, SE, p. 405

3 PRACTICE/APPLY

Checking Your Understanding, SE, p. 402
Error Analysis, TWE, p. 403

Homework Assignments

Core: 15–33 odd, 34–35, 37–43
Enriched: 16–32 even, 34–43
Alternate Assignment:_____________________________________________________

Extra Practice, SE, p. 760
Practice Masters, p. 67
Georgia Parent and Student Study Guide Workbook, p. 74

4 ASSESS

Closing Activity, Modeling, TWE, p. 404
Extension, Using Discussion, TWE, p. 403
Enrichment Masters, p. 67
Activity Masters, p. 8
Group Activity Card 8-6

KEY

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Objectives

8-7: Graph a linear equation using the x- and y-intercepts or using the slope and y-intercept.

Georgia Quality Core Curriculum, Pre-Algebra: 1, 30, 31

NCTM Curriculum Standards: 2, 3, 6-10

1 FOCUS

5-Minute Check, TWE, p. 406
Transparency 8-7A
Motivating the Lesson, Questioning, TWE, p. 406

2 TEACH

In-Class Examples, TWE, p. 407
Transparency 8-7B
Reteaching, Using Questioning, TWE, p. 408
Study Guide Masters, p. 68
Math Lab and Modeling Math Masters, p. 66
Interactive Mathematics Tools Software, 8-7
Math Lab 8-7B, SE, p. 411

3 PRACTICE/APPLY

Checking Your Understanding, SE, p. 408
Error Analysis, TWE, p. 409

Homework Assignments

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

Extra Practice, SE, p. 760
Practice Masters, p. 68
Georgia Parent and Student Study Guide Workbook, p. 75

4 ASSESS

Closing Activity, Writing, TWE, p. 410
Assessment and Evaluation Masters, Quiz C, p. 212
Extension, Using Cooperative Groups, TWE, p. 410
Enrichment Masters, p. 68
Group Activity Card 8-7

KEY

SE = Student Edition  TWE = Teacher’s Wraparound Edition  ✦ = Other Program Components
Objectives

_____ 8-8: Solve systems of linear equations by graphing.

_____ Georgia Quality Core Curriculum, Pre-Algebra: 1, 30, 31

NCTM Curriculum Standards: 2, 3, 6-10

1 FOCUS

_____ 5-Minute Check, TWE, p. 412

_____ Transparency 8-8A

_____ Motivating the Lesson, Hands-On Activity, TWE, p. 412

2 TEACH

_____ In-Class Examples, TWE, p. 413

_____ Transparency 8-8B

_____ Reteaching, Using Models, TWE, p. 414

_____ Study Guide Masters, p. 69

_____ Interactive Mathematics Tools Software, 8-8

3 PRACTICE/APPLY

_____ Checking Your Understanding, SE, p. 414

_____ Error Analysis, TWE, p. 415

Homework Assignments

_____ Core: 15–39 odd, 40–46

_____ Enriched: 14–34 even, 35–46

_____ Alternate Assignment: _________________________________________________________

_____ Extra Practice, SE, p. 760

_____ Practice Masters, p. 69

_____ Real-World Applications, 17

_____ Georgia Parent and Student Study Guide Workbook, p. 76

4 ASSESS

_____ Closing Activity, Writing, TWE, p. 416

_____ Extension, Consumer Awareness, TWE, p. 416

_____ Enrichment Masters, p. 69

_____ Group Activity Card 8-8
Objectives

_____ 8-9: Graph linear inequalities.

NCTM Curriculum Standards: 2, 3, 6-10

1 FOCUS

_____ 5-Minute Check, TWE, p. 418

_____ Motivating the Lesson, Questioning,

_____ Transparency 8-9A

2 TEACH

_____ Math Lab 8-9A, SE, p. 417

_____ Study Guide Masters, p. 70

_____ In-Class Examples, TWE, p. 419

_____ Math Lab and Modeling Math Masters, p. 83

_____ Transparency 8-9B

_____ Reteaching, Using Charts, TWE, p. 420

3 PRACTICE/APPLY

_____ Checking Your Understanding, SE, p. 420

_____ Error Analysis, TWE, p. 421

4 ASSESS

_____ Closing Activity, Speaking, TWE, p. 422

_____ Extension, Using Cooperative Groups,

_____ Assessment and Evaluation Masters,

_____ Multicultural Activity Masters, p. 16

_____ Quiz D, p. 212

_____ Group Activity Card 8-9

_____ Enrichment Masters, p. 70

Review and Assessment Options

_____ Chapter 8 Highlights, SE, p. 423

_____ Chapter 8 Test, SE, p. 781

_____ Chapter 8 Study Guide and Assessment,

_____ MindJogger Videoquizzes, Chapter 8

_____ SE, pp. 424–426

_____ State Test Preparation CD-ROM

_____ Chapter 8 Alternative Assessment, SE, p. 427

_____ Test and Review Software

_____ Assessment and Evaluation Masters,

_____ Georgia Parent and Student

_____ Chapter 8 Tests, pp. 197–208; Performance

_____ Study Guide Workbook, p. 78

_____ Assessment, p. 209; Standardized Test

_____ Practice, p. 209; Georgia Stanford 9 Practice

_____ Practice, p. 213; Cumulative Review,

_____ and Sample Test Workbook

_____ pp. 214–215

Materials/resources needed:

Homework Assignments

_____ Core: 19–43 odd, 44, 45, 47, 49–56

_____ Core: 19–43 odd, 44, 45, 47, 49–56

_____ Enriched: 20–42 even, 44–56

_____ Alternate Assignment: _________________________________________________________

_____ Core: 19–43 odd, 44, 45, 47, 49–56

_____ Extra Practice, SE, p. 761

_____ Tech Prep Applications Masters, p. 16

_____ Practice Masters, p. 70

_____ Georgia Parent and Student

Study Guide Workbook, p. 77