

Lesson Planning Guide (pp. 264–269)



6-1

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
1, 2, 4, 9, 10

Recommended Pacing	
Regular Average	Day 1 of 14
Regular Advanced	Day 1 of 13
Block Average	Day 1 of 7
Block Advanced	Day 1 of 7

Objectives

- ___ Write ratios as fractions in simplest form.
- ___ Determine unit rates.
- ___ State/local objectives: _____

Louisiana Grade-Level Expectations, Grade 8: 9, 22

1 Focus

Materials/Resources Needed _____

- ___ 5-Minute Check Transparencies, Lesson 6-1
- ___ Mathematical Background, *TWE*, p. 262C
- ___ Prerequisite Skills Masters, pp. 39–40
- ___ TeacherWorks CD-ROM, Louisiana Edition
- ___ StudentWorks CD-ROM, Louisiana Edition

2 Teach

- ___ In-Class Examples, *TWE*, pp. 265–266
- ___ Teaching Pre-Algebra with Manipulatives, p. 83
- ___ Interactive Chalkboard CD-ROM, Lesson 6-1
- ___ pre-alg.com/extra_examples/leap21
- ___ pre-alg.com/data_update
- ___ Guide to Daily Intervention, pp. 18–19
- ___ Daily Intervention, *TWE*, p. 267
- ___ Study Guide and Intervention, *CRM*, p. 299
- ___ Reading to Learn Mathematics, *CRM*, p. 302
- ___ Reading Mathematics, *SE*, p. 269
- ___ Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition

3 Practice/Apply

- ___ Skills Practice, *CRM*, p. 300
- ___ Practice, *CRM*, p. 301
- ___ Extra Practice, *SE*, p. 736
- ___ Differentiated Instruction, *TWE*, p. 266
- ___ Parent and Student Study Guide Workbook, p. 44
- ___ Answer Key Transparencies, Lesson 6-1
- ___ Pre-AlgePASS CD-ROM, Lessons 12 & 13

Assignment Guide, pp. 266–268, SE

	Objective 1	Objective 2	Other
Basic	17–23 odd	29–33 odd, 37, 47, 48	39–43 odd, 49–52, 54–70
Average	17–27 odd	29–37 odd, 47, 48	39–45 odd, 49–52, 54–70 (Optional: 53)
Advanced	16–26 even	28–36 even, 48	38–44 even, 47, 49–64 (Optional: 65–70)
Reading Mathematics	1–4		
Alternate Assignment _____			

4 Assess

- ___ Open-Ended Assessment, *TWE*, p. 268
- ___ Enrichment, *CRM*, p. 303
- ___ pre-alg.com/self_check_quiz/leap21
- ___ Countdown to LEAP 21, *TWE*, p. LA26

___ Closing the Gap for Absent Students, pp. 12–13

KEY SE = Student Edition TWE = Teacher Wraparound Edition CRM = Chapter Resource Masters

Lesson Planning Guide (pp. 270–274)



6-2

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
1, 2, 4, 6, 9, 10

Recommended Pacing	
Regular Average	Day 2 of 14
Regular Advanced	Day 2 of 13
Block Average	Day 1 of 7
Block Advanced	Day 1 of 7

Louisiana Grade-Level Expectations, Grade 8: 7

Objectives

- ___ Solve proportions.
- ___ Use proportions to solve real-world problems.
- ___ State/local objectives: _____

1 Focus

- Materials/Resources Needed _____
- ___ *5-Minute Check Transparencies*, Lesson 6-2
 - ___ Mathematical Background, *TWE*, p. 262C
 - ___ *Prerequisite Skills Masters*, pp. 37–40
 - ___ *TeacherWorks CD-ROM, Louisiana Edition*
 - ___ *StudentWorks CD-ROM, Louisiana Edition*

2 Teach

- ___ In-Class Examples, *TWE*, pp. 271–272
- ___ *Interactive Chalkboard CD-ROM*, Lesson 6-2
- ___ pre-alg.com/extra_examples/leap21
- ___ *Guide to Daily Intervention*, pp. 18–19
- ___ Study Guide and Intervention, *CRM*, p. 304
- ___ Reading to Learn Mathematics, *CRM*, p. 307
- ___ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

3 Practice/Apply

- ___ Skills Practice, *CRM*, p. 305
- ___ Practice, *CRM*, p. 306
- ___ Extra Practice, *SE*, p. 737
- ___ Differentiated Instruction, *TWE*, p. 273
- ___ *School-to-Career Masters*, p. 11
- ___ *Parent and Student Study Guide Workbook*, p. 45
- ___ *Answer Key Transparencies*, Lesson 6-2
- ___ *Pre-AlgePASS CD-ROM*, Lesson 14

Assignment Guide, pp. 272–274, SE			
	Objective 1	Objective 2	Other
Basic	9–25 odd	33, 35–37, 39, 41, 45	43, 44, 46–55
Average	9–31 odd	33, 35, 36, 39, 45	37, 41, 43, 44, 46–55
Advanced	10–30 even	32, 34, 38–42, 45	43, 44, 46–51 (Optional: 52–55)
Alternate Assignment _____			

4 Assess

- ___ Open-Ended Assessment, *TWE*, p. 274
- ___ Enrichment, *CRM*, p. 308
- ___ pre-alg.com/self_check_quiz/leap21
- ___ Countdown to LEAP 21, *TWE*, p. LA27

___ *Closing the Gap for Absent Students*, pp. 12–13

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Algebra Activity (p. 275)

A Follow-Up of Lesson 6-2



6

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
1, 2, 4, 5, 6, 8, 9, 10

Recommended Pacing	
Regular Average	Day 3 of 14
Regular Advanced	Day 3 of 13
Block Average	Day 2 of 7
Block Advanced	Day 2 of 7

Objectives

___ Use proportions with the capture-recapture method of counting.

___ State/local objectives: _____

Getting Started

Materials/Resources Needed bag of dried beans, paper bag, permanent marker

Teach

___ *Teaching Pre-Algebra with Manipulatives*, pp. 84–86

___ *Glencoe Mathematics Classroom Manipulative Kit*

___ Teaching Strategy, *TWE*, p. 275

Assignment Guide, p. 275, SE

All 1–4

Alternate Assignment _____

Assess

___ Study Notebook, *TWE*, p. 275

Lesson Planning Guide (pp. 276–280)



6-3

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
1, 2, 4, 6, 9, 10

Recommended Pacing	
Regular Average	Day 4 of 14
Regular Advanced	Day 4 of 13
Block Average	Day 2 of 7
Block Advanced	Day 3 of 7

Objectives

- ___ Use scale drawings.
- ___ Construct scale drawings.
- ___ State/local objectives: _____

Louisiana Grade-Level Expectations, Grade 8: 30

1 Focus

Materials/Resources Needed _____

- ___ *5-Minute Check Transparencies*, Lesson 6-3
- ___ Mathematical Background, *TWE*, p. 262C
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *StudentWorks CD-ROM, Louisiana Edition*

2 Teach

- ___ In-Class Examples, *TWE*, p. 277
- ___ *Interactive Chalkboard CD-ROM*, Lesson 6-3
- ___ pre-alg.com/extra_examples/leap21
- ___ pre-alg.com/careers
- ___ *Guide to Daily Intervention*, pp. 18–19
- ___ Daily Intervention, *TWE*, p. 278
- ___ Study Guide and Intervention, *CRM*, p. 309
- ___ Reading to Learn Mathematics, *CRM*, p. 312
- ___ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

3 Practice/Apply

- ___ Skills Practice, *CRM*, p. 310
- ___ Practice, *CRM*, p. 311
- ___ Extra Practice, *SE*, p. 737
- ___ Differentiated Instruction, *TWE*, p. 278
- ___ *Graphing Calculator and Spreadsheet Masters*, p. 30
- ___ *Parent and Student Study Guide Workbook*, p. 46
- ___ *Answer Key Transparencies*, Lesson 6-3

Assignment Guide, pp. 278–280, SE

	Objective 1	Objective 2	Other
Basic	9–19 odd		22–24, 26–44
Average	9–19 odd		21–24, 26–44 (Optional: 25)
Advanced	8–18 even	20	21–36 (Optional: 37–44)

Alternate Assignment _____

4 Assess

- ___ Open-Ended Assessment, *TWE*, p. 280
- ___ Enrichment, *CRM*, p. 313
- ___ Assessment, Quiz, *CRM*, p. 359
- ___ pre-alg.com/self_check_quiz/leap21
- ___ Countdown to LEAP 21, *TWE*, p. LA27

___ *Closing the Gap for Absent Students*, pp. 12–13

KEY SE = Student Edition TWE = Teacher Wraparound Edition CRM = Chapter Resource Masters

Lesson Planning Guide (pp. 281–285)



6-4

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
1, 9, 10

Recommended Pacing	
Regular Average	Day 5 of 14
Regular Advanced	Day 5 of 13
Block Average	Day 3 of 7
Block Advanced	Day 3 of 7

Objectives

- ___ Express percents as fractions and vice versa.
- ___ Express percents as decimals and vice versa.
- ___ State/local objectives: _____

Louisiana Grade-Level Expectations, Grade 8: 8

1 Focus

Materials/Resources Needed _____

- ___ *5-Minute Check Transparencies*, Lesson 6-4
- ___ Mathematical Background, *TWE*, p. 262D
- ___ *Prerequisite Skills Masters*, pp. 15–18
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *StudentWorks CD-ROM, Louisiana Edition*

2 Teach

- ___ In-Class Examples, *TWE*, pp. 282–283
- ___ *Interactive Chalkboard CD-ROM*, Lesson 6-4
- ___ pre-alg.com/extra_examples/leap21
- ___ *Guide to Daily Intervention*, pp. 18–19
- ___ Study Guide and Intervention, *CRM*, p. 314
- ___ Reading to Learn Mathematics, *CRM*, p. 317
- ___ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

3 Practice/Apply

- ___ Skills Practice, *CRM*, p. 315
- ___ Practice, *CRM*, p. 316
- ___ Extra Practice, *SE*, p. 737
- ___ Differentiated Instruction, *TWE*, p. 282
- ___ *Parent and Student Study Guide Workbook*, p. 47
- ___ *Answer Key Transparencies*, Lesson 6-4
- ___ *Pre-AlgePASS CD-ROM*, Lesson 15
- ___ *WebQuest and Projects Resources*, p. 49

Assignment Guide, pp. 283–285, SE

	Objective 1	Objective 2	Other
Basic	17–27 odd, 35–39 odd	29–33 odd	41–47 odd, 51–71
Average	17–27 odd, 35–39 odd	29–33 odd	41–49 odd, 51–71
Advanced	16–26 even, 34–38 even	28–32 even	40–48 even, 49–65 (Optional: 66–71)

Alternate Assignment _____

4 Assess

- ___ Open-Ended Assessment, *TWE*, p. 285
- ___ Enrichment, *CRM*, p. 318
- ___ pre-alg.com/self_check_quiz/leap21
- ___ Countdown to LEAP 21, *TWE*, p. LA27

___ *Closing the Gap for Absent Students*, pp. 12–13

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Algebra Activity (pp. 286–287)

A Preview of Lesson 6-5



6

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
1, 3, 4, 7, 9, 10

Recommended Pacing	
Regular Average	Day 6 of 14
Regular Advanced	Day 6 of 13
Block Average	Day 3 of 7
Block Advanced	Day 4 of 7

Objectives

___ Use a percent model to find a percent or a part.

___ State/local objectives: _____

Louisiana Grade-Level Expectations, Grade 8: 8
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Getting Started

Materials/Resources Needed grid paper

Teach

___ *Teaching Pre-Algebra with Manipulatives*, p. 89

___ *Glencoe Mathematics Classroom Manipulative Kit*

___ Teaching Strategy, *TWE*, p. 286

Assignment Guide, pp. 286–287, SE	
All	1–20
Alternate Assignment _____	

Assess

___ Study Notebook, *TWE*, p. 287

Lesson Planning Guide (pp. 288–292)



6-5

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
1, 2, 6, 7, 8, 9, 10

Recommended Pacing	
Regular Average	Day 7 of 14
Regular Advanced	Day 6 of 13
Block Average	Day 4 of 7
Block Advanced	Day 4 of 7

Objectives

- ___ Use the percent proportion to solve problems.
- ___ State/local objectives: _____

Louisiana Grade-Level Expectations, Grade 8: 8

1 Focus

Materials/Resources Needed _____

- ___ *5-Minute Check Transparencies*, Lesson 6-5
- ___ Mathematical Background, *TWE*, p. 262D
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *StudentWorks CD-ROM, Louisiana Edition*

2 Teach

- ___ In-Class Examples, *TWE*, p. 289
- ___ *Teaching Pre-Algebra with Manipulatives*, pp. 87–88
- ___ *Interactive Chalkboard CD-ROM*, Lesson 6-5
- ___ pre-alg.com/extra_examples/leap21
- ___ pre-alg.com/usa_today
- ___ *Guide to Daily Intervention*, pp. 18–19
- ___ Daily Intervention, *TWE*, p. 290
- ___ Study Guide and Intervention, *CRM*, p. 319
- ___ Reading to Learn Mathematics, *CRM*, p. 322
- ___ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

3 Practice/Apply

- ___ Skills Practice, *CRM*, p. 320
- ___ Practice, *CRM*, p. 321
- ___ Extra Practice, *SE*, p. 738
- ___ Differentiated Instruction, *TWE*, p. 290
- ___ *Science and Mathematics Lab Manual*, pp. 83–86
- ___ *Parent and Student Study Guide Workbook*, p. 48
- ___ *Answer Key Transparencies*, Lesson 6-5

Assignment Guide, pp. 291–292, SE	
	Objective 1
Basic	9–15 odd, 21, 23, 25–40
Average	9–21 odd, 23, 25–40
Advanced	8–26 even, 27–34 (Optional: 35–40)
All	Practice Quiz 1 (1–5)
Alternate Assignment _____	

4 Assess

- ___ Practice Quiz 1, *SE*, p. 292
- ___ Open-Ended Assessment, *TWE*, p. 292
- ___ Assessment, Mid-Chapter Test, *CRM*, p. 361
- ___ Enrichment, *CRM*, p. 323
- ___ Assessment, Quiz, *CRM*, p. 359
- ___ pre-alg.com/self_check_quiz/leap21
- ___ Countdown to LEAP 21, *TWE*, p. LA28

___ *Closing the Gap for Absent Students*, pp. 12–13

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Lesson Planning Guide (pp. 293–297)



6-6

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
1, 6, 8, 9

Recommended Pacing	
Regular Average	Day 8 of 14
Regular Advanced	Day 7 of 13
Block Average	Day 4 of 7
Block Advanced	Day 4 of 7

Louisiana Grade-Level Expectations, Grade 8: 8

Objectives

- ___ Compute mentally with percents.
- ___ Estimate with percents.
- ___ State/local objectives: _____

1 Focus

Materials/Resources Needed _____

- ___ *5-Minute Check Transparencies*, Lesson 6-6
- ___ Mathematical Background, *TWE*, p. 262D
- ___ *Prerequisite Skills Masters*, pp. 39–40
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *StudentWorks CD-ROM, Louisiana Edition*

2 Teach

- ___ In-Class Examples, *TWE*, p. 294
- ___ *Teaching Pre-Algebra with Manipulatives*, pp. 90–93
- ___ *Interactive Chalkboard CD-ROM*, Lesson 6-6
- ___ pre-alg.com/extra_examples/leap21
- ___ *Guide to Daily Intervention*, pp. 18–19
- ___ Study Guide and Intervention, *CRM*, p. 324
- ___ Reading to Learn Mathematics, *CRM*, p. 327
- ___ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

3 Practice/Apply

- ___ Skills Practice, *CRM*, p. 325
- ___ Practice, *CRM*, p. 326
- ___ Extra Practice, *SE*, p. 738
- ___ Differentiated Instruction, *TWE*, p. 294
- ___ *Parent and Student Study Guide Workbook*, p. 49
- ___ *Answer Key Transparencies*, Lesson 6-6

Assignment Guide, pp. 295–297, SE

	Objective 1	Objective 2	Other
Basic	13–25 odd	27–35 odd, 39	43–66
Average	13–25 odd	27–41 odd	43–66
Advanced	14–26 even	28–42 even	37, 43–60 (Optional: 61–66)

Alternate Assignment _____

4 Assess

- ___ Open-Ended Assessment, *TWE*, p. 297
- ___ Enrichment, *CRM*, p. 328
- ___ pre-alg.com/self_check_quiz/leap21
- ___ Countdown to LEAP 21, *TWE*, p. LA28

___ *Closing the Gap for Absent Students*, pp. 12–13

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Lesson Planning Guide (pp. 298–302)



6-7

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
1, 2, 6, 9, 10

Recommended Pacing	
Regular Average	Day 9 of 14
Regular Advanced	Day 8 of 13
Block Average	Day 5 of 7
Block Advanced	Day 5 of 7

Objectives

- ___ Solve percent problems using percent equations.
- ___ Solve real-life problems involving discount and interest.
- ___ State/local objectives: _____

**Louisiana Grade-Level
Expectations, Grade 8: 8**

1 Focus

Materials/Resources Needed _____

- ___ *5-Minute Check Transparencies*, Lesson 6-7
- ___ *Mathematical Background*, *TWE*, p. 262D
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *StudentWorks CD-ROM, Louisiana Edition*

2 Teach

- ___ In-Class Examples, *TWE*, p. 299
- ___ *Interactive Chalkboard CD-ROM*, Lesson 6-7
- ___ pre-alg.com/extra_examples/leap21
- ___ *Guide to Daily Intervention*, pp. 18–19
- ___ Study Guide and Intervention, *CRM*, p. 329
- ___ Reading to Learn Mathematics, *CRM*, p. 332
- ___ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

3 Practice/Apply

- ___ Skills Practice, *CRM*, p. 330
- ___ Practice, *CRM*, p. 331
- ___ Extra Practice, *SE*, p. 738
- ___ Differentiated Instruction, *TWE*, p. 299
- ___ *Parent and Student Study Guide Workbook*, p. 50
- ___ *Answer Key Transparencies*, Lesson 6-7
- ___ *Pre-AlgePASS CD-ROM*, Lessons 16 & 17
- ___ pre-alg.com/webquest

Assignment Guide, pp. 300–302, SE

	Objective 1	Objective 2	Other
Basic	13–23 odd	29–37 odd	39, 42–61
Average	13–27 odd	29–37 odd	39, 41–61
Advanced	12–26 even	28–38 even	40, 42–55 (Optional: 56–61)

Alternate Assignment _____

4 Assess

- ___ Open-Ended Assessment, *TWE*, p. 302
- ___ Enrichment, *CRM*, p. 333
- ___ Assessment, Quiz, *CRM*, p. 360
- ___ pre-alg.com/self_check_quiz/leap21
- ___ Countdown to LEAP 21, *TWE*, p. LA28

___ *Closing the Gap for Absent Students*, pp. 12–13

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Spreadsheet Investigation (p. 303)



A Follow-Up of Lesson 6-7

6

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
1, 5, 6, 8, 9, 10

Recommended Pacing	
Regular Average	Day 9 of 14
Regular Advanced	Day 9 of 13
Block Average	Day 5 of 7
Block Advanced	Day 5 of 7

Objectives

____ Find compound interest.

____ State/local objectives: _____

Louisiana Grade-Level Expectations, Grade 8: 13
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Getting Started

Materials/Resources Needed spreadsheet software

Teach

Assignment Guide, p. 303, SE	
All	1-4
Alternate Assignment _____	

Assess

Lesson Planning Guide (pp. 304–308)



6-8

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
1, 2, 3, 6, 9, 10

Recommended Pacing	
Regular Average	Day 10 of 14
Regular Advanced	Day 10 of 13
Block Average	Day 5 of 7
Block Advanced	Day 6 of 7

Objectives

- ___ Find percent of increase.
- ___ Find percent of decrease.
- ___ State/local objectives: _____

Louisiana Grade-Level Expectations, Grade 8: 8

1 Focus

Materials/Resources Needed _____

- ___ *5-Minute Check Transparencies*, Lesson 6-8
- ___ *Mathematical Background*, *TWE*, p. 262D
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *StudentWorks CD-ROM, Louisiana Edition*

2 Teach

- ___ In-Class Examples, *TWE*, p. 305
- ___ *Interactive Chalkboard CD-ROM*, Lesson 6-8
- ___ pre-alg.com/extra_examples/leap21
- ___ *Guide to Daily Intervention*, pp. 18–19
- ___ *Daily Intervention*, *TWE*, p. 306
- ___ *Study Guide and Intervention*, *CRM*, p. 334
- ___ *Reading to Learn Mathematics*, *CRM*, p. 337
- ___ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

3 Practice/Apply

- ___ *Skills Practice*, *CRM*, p. 335
- ___ *Practice*, *CRM*, p. 336
- ___ *Extra Practice*, *SE*, p. 739
- ___ *Differentiated Instruction*, *TWE*, p. 305
- ___ *School-to-Career Masters*, p. 12
- ___ *Graphing Calculator and Spreadsheet Masters*, p. 29
- ___ *Parent and Student Study Guide Workbook*, p. 51
- ___ *Real-World Application Transparencies and Masters*
- ___ *Answer Key Transparencies*, Lesson 6-8
- ___ *WebQuest and Projects Resources*, p. 49

Assignment Guide, pp. 306–308, SE

	Objective 1	Objective 2	Other
Basic	11, 17, 19	13, 15	24–42
Average	11, 17, 19, 23	13, 15, 21	24–42
Advanced	10, 16, 20	12, 14, 18, 22	24–37 (Optional: 38–42)
All	Practice Quiz 2 (1–5)		
Alternate Assignment _____			

4 Assess

- ___ *Practice Quiz 2*, *SE*, p. 308
- ___ *Open-Ended Assessment*, *TWE*, p. 308
- ___ *Enrichment*, *CRM*, p. 338
- ___ pre-alg.com/self_check_quiz/leap21
- ___ *Countdown to LEAP 21*, *TWE*, p. LA28

___ *Closing the Gap for Absent Students*, pp. 12–13

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Algebra Activity (p. 309)

A Preview of Lesson 6-9



6

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
1, 2, 5, 6, 8, 9, 10

Recommended Pacing	
Regular Average	Day 11 of 14
Regular Advanced	Day 11 of 13
Block Average	Day 6 of 7
Block Advanced	Day 6 of 7

Objectives

- ___ Take a survey.
- ___ State/local objectives: _____

Getting Started

Materials/Resources Needed _____

Teach

- ___ *Teaching Pre-Algebra with Manipulatives*, p. 94
- ___ *Glencoe Mathematics Classroom Manipulative Kit*
- ___ *Teaching Strategy, TWE*, p. 309

Assignment Guide, p. 309, SE	
All	1-6
Alternate Assignment _____	

Assess

- ___ Study Notebook, *TWE*, p. 309

Lesson Planning Guide (pp. 310–314)



6-9

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
1, 2, 5, 9, 10

Recommended Pacing	
Regular Average	Day 12 of 14
Regular Advanced	Day 11 of 13
Block Average	Day 6 of 7
Block Advanced	Day 6 of 7

Objectives

- ___ Find probability of simple events.
- ___ Use a sample to predict the actions of a larger group.
- ___ State/local objectives: _____

**Louisiana Grade-Level
Expectations, Grade 8: 41, 45**

1 Focus

Materials/Resources Needed _____

- ___ Building on Prior Knowledge, *TWE*, p. 311
- ___ *5-Minute Check Transparencies*, Lesson 6-9
- ___ Mathematical Background, *TWE*, p. 262D
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *StudentWorks CD-ROM, Louisiana Edition*

2 Teach

- ___ In-Class Examples, *TWE*, p. 311
- ___ *Interactive Chalkboard CD-ROM*, Lesson 6-9
- ___ pre-alg.com/extra_examples/leap21
- ___ pre-alg.com/usa_today
- ___ *Guide to Daily Intervention*, pp. 18–19
- ___ Study Guide and Intervention, *CRM*, p. 339
- ___ Reading to Learn Mathematics, *CRM*, p. 342
- ___ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

3 Practice/Apply

- ___ Skills Practice, *CRM*, p. 340
- ___ Practice, *CRM*, p. 341
- ___ Extra Practice, *SE*, p. 739
- ___ Differentiated Instruction, *TWE*, p. 311
- ___ *Parent and Student Study Guide Workbook*, p. 52
- ___ *Answer Key Transparencies*, Lesson 6-9
- ___ *Pre-AlgePASS CD-ROM*, Lesson 18
- ___ pre-alg.com/webquest

Assignment Guide, pp. 312–314, SE

	Objective 1	Objective 2	Other
Basic	13–17 odd, 21–25 odd, 29–33 odd	35, 37	38–48
Average	13–33 odd	35, 37	38–48
Advanced	12–34 even	35, 36	38–48

Alternate Assignment _____

4 Assess

- ___ Open-Ended Assessment, *TWE*, p. 314
- ___ Enrichment, *CRM*, p. 343
- ___ Assessment, Quiz, *CRM*, p. 360
- ___ pre-alg.com/self_check_quiz/leap21
- ___ Countdown to LEAP 21, *TWE*, p. LA29

___ *Closing the Gap for Absent Students*, pp. 12–13

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Graphing Calculator Investigation (p. 315)



A Follow-Up of Lesson 6-9

6

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
1, 2, 5, 9, 10

Recommended Pacing	
Regular Average	Day 12 of 14
Regular Advanced	Day 11 of 13
Block Average	Day 6 of 7
Block Advanced	Day 6 of 7

Louisiana Grade-Level Expectations, Grade 8: 41
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Objectives

- _____ Describe how the graphing calculator generates random numbers.
- _____ State/local objectives: _____

Getting Started

Materials/Resources Needed _____

Teach

_____ pre-alg.com_other_calculator_keystrokes

Assignment Guide, p. 315, SE	
All	1-4
Alternate Assignment _____	

Assess

Review and Testing (pp. 316–322)



6

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Recommended Pacing	
Regular Average	Days 13 & 14 of 14
Regular Advanced	Days 12 & 13 of 13
Block Average	Day 7 of 7
Block Advanced	Day 7 of 7

Assess

- ___ *Parent and Student Study Guide Workbook*, p. 53
- ___ Vocabulary and Concept Check, *SE*, p. 316
- ___ Vocabulary Test, *CRM*, p. 358
- ___ Lesson-by-Lesson Review, *SE*, pp. 316–320
- ___ Practice Test, *SE*, p. 321
- ___ Chapter 6 Tests, *CRM*, pp. 345–356
- ___ Open-Ended Assessment, *CRM*, p. 357
- ___ Standardized Test Practice, *SE*, pp. 322–323
- ___ Standardized Test Practice, *CRM*, pp. 363–364
- ___ Cumulative Review, *CRM*, p. 362
- ___ *Vocabulary PuzzleMaker CD-ROM*
- ___ pre-alg.com/vocabulary_review
- ___ pre-alg.com/chapter_test/leap21
- ___ pre-alg.com/standardized_test/leap21
- ___ *MindJogger Videoquizzes VHS*
- ___ Unit 2 Test, *CRM*, pp. 365–366

Other Assessment Materials

- *ExamView® Pro CD-ROM*
- *Mastering the LEAP 21: Diagnose, Prescribe, and Practice Workbook for Grade 8*
- *Preparing for LEAP 21 and GEE 21 CD-ROM*
- *LEAP 21 Intervention Transparencies for Grade 8*

KEY *SE* = Student Edition *TWE* = Teacher Wraparound Edition *CRM* = Chapter Resource Masters