

Lesson Planning Guide (pp. 56–61)



2-1

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
1, 2, 6, 10

Recommended Pacing	
Regular Average	Days 1 & 2 of 13
Regular Advanced	Day 1 of 8
Block Average	Day 1 of 7
Block Advanced	Day 1 of 4

Objectives

- ___ Compare and order integers.
- ___ Find the absolute value of an expression.
- ___ State/local objectives: _____

Louisiana Grade-Level Expectations, Grade 8: 1

1 Focus

Materials/Resources Needed _____

- ___ Building on Prior Knowledge, *TWE*, p. 58
- ___ *5-Minute Check Transparencies*, Lesson 2-1
- ___ Mathematical Background, *TWE*, p. 54C
- ___ *Prerequisite Skills Masters*, pp. 1–2, 5–8
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *StudentWorks CD-ROM, Louisiana Edition*

2 Teach

- ___ In-Class Examples, *TWE*, pp. 57–58
- ___ *Teaching Pre-Algebra with Manipulatives*, p. 37
- ___ *Interactive Chalkboard CD-ROM*, Lesson 2-1
- ___ pre-alg.com/extra_examples/leap21
- ___ *Guide to Daily Intervention*, pp. 10–11
- ___ Daily Intervention, *TWE*, p. 58
- ___ Study Guide and Intervention, *CRM*, p. 57
- ___ Reading to Learn Mathematics, *CRM*, p. 60
- ___ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

3 Practice/Apply

- ___ Skills Practice, *CRM*, p. 58
- ___ Practice, *CRM*, p. 59
- ___ Extra Practice, *SE*, p. 726
- ___ Differentiated Instruction, *TWE*, p. 59
- ___ *School-to-Career Masters*, p. 3
- ___ *Science and Mathematics Lab Manual*, pp. 5–10
- ___ *Parent and Student Study Guide Workbook*, p. 9
- ___ *Real-World Application Transparencies and Masters*
- ___ *Answer Key Transparencies*, Lesson 2-1
- ___ *WebQuest and Projects Resources*, p. 25

Assignment Guide, pp. 59–61, SE

	Objective 1	Objective 2	Other
Basic	21–41 odd, 45, 47, 67–70	49–57 odd, 61–65 odd	71–89
Average	21–47 odd, 67–70	49–65 odd	71–89
Advanced	22–46 even, 66–70	48–64 even	71–83 (Optional: 84–89)
Alternate Assignment _____			

4 Assess

- ___ Open-Ended Assessment, *TWE*, p. 61
- ___ Enrichment, *CRM*, p. 61
- ___ pre-alg.com/self_check_quiz/leap21
- ___ Countdown to LEAP 21, *TWE*, p. LA16

___ *Closing the Gap for Absent Students*, pp. 4–5

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

Algebra Activity (pp. 62–63)

A Preview of Lesson 2-2



2

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
1, 6

Recommended Pacing	
Regular Average	Day 3 of 13
Regular Advanced	Day 2 of 8
Block Average	Day 2 of 7
Block Advanced	Day 1 of 4

Objectives

___ Model operations with integers with algebra tiles and an integer mat.

___ State/local objectives: _____

Getting Started

Materials/Resources Needed algebra tiles, integer mat

Teach

___ *Teaching Pre-Algebra with Manipulatives*, pp. 38–40

___ *Glencoe Mathematics Classroom Manipulative Kit*

___ Teaching Strategy, *TWE*, p. 62

Assignment Guide, p. 63, SE	
All	1–14
Alternate Assignment _____	

Assess

___ Study Notebook, *TWE*, p. 63

Lesson Planning Guide (pp. 64–69)



2-2

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
1, 2, 6

Recommended Pacing	
Regular Average	Day 4 of 13
Regular Advanced	Day 2 of 8
Block Average	Day 3 of 7
Block Advanced	Day 1 of 4

Louisiana Grade-Level Expectations, Grade 8: 5, 6

Objectives

- ___ Add two integers.
- ___ Add more than two integers.
- ___ State/local objectives: _____

1 Focus

Materials/Resources Needed _____

- ___ *5-Minute Check Transparencies*, Lesson 2-2
- ___ *Mathematical Background*, *TWE*, p. 54C
- ___ *Prerequisite Skills Masters*, pp. 5–8
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *StudentWorks CD-ROM, Louisiana Edition*

2 Teach

- ___ In-Class Examples, *TWE*, pp. 65–66
- ___ *Interactive Chalkboard CD-ROM*, Lesson 2-2
- ___ pre-alg.com/extra_examples/leap21
- ___ pre-alg.com/data_update
- ___ *Guide to Daily Intervention*, pp. 10–11
- ___ *Daily Intervention*, *TWE*, p. 65
- ___ *Study Guide and Intervention*, *CRM*, p. 62
- ___ *Reading to Learn Mathematics*, *CRM*, p. 65
- ___ *Reading Mathematics*, *SE*, p. 69
- ___ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

3 Practice/Apply

- ___ *Skills Practice*, *CRM*, p. 63
- ___ *Practice*, *CRM*, p. 64
- ___ *Extra Practice*, *SE*, p. 726
- ___ *Differentiated Instruction*, *TWE*, p. 66
- ___ *Parent and Student Study Guide Workbook*, p. 10
- ___ *Answer Key Transparencies*, Lesson 2-2

Assignment Guide, pp. 67–68, SE

	Objective 1	Objective 2	Other
Basic	13–29 odd, 46	33–41 odd, 47	31, 48–66
Average	13–29 odd, 43, 45, 46	33–41 odd, 47	48–66
Advanced	12–28 even, 42–46 even	32–40 even, 47	30, 48–60 (Optional: 61–66)
Reading Mathematics	1–3		
Alternate Assignment _____			

4 Assess

- ___ *Open-Ended Assessment*, *TWE*, p. 68
- ___ *Enrichment*, *CRM*, p. 66
- ___ *Assessment, Quiz*, *CRM*, p. 101
- ___ pre-alg.com/self_check_quiz/leap21
- ___ *Countdown to LEAP 21*, *TWE*, p. LA16

___ *Closing the Gap for Absent Students*, pp. 4–5

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Lesson Planning Guide (pp. 70–74)



2-3

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
1, 2, 6

Recommended Pacing	
Regular Average	Days 5 & 6 of 13
Regular Advanced	Day 3 of 8
Block Average	Days 3 & 4 of 7
Block Advanced	Day 2 of 4

Louisiana Grade-Level Expectations, Grade 8: 5, 6

Objectives

- ___ Subtract integers.
- ___ Evaluate expressions containing variables.
- ___ State/local objectives: _____

1 Focus

Materials/Resources Needed _____

- ___ Building on Prior Knowledge, *TWE*, p. 71
- ___ 5-Minute Check Transparencies, Lesson 2-3
- ___ Mathematical Background, *TWE*, p. 54C
- ___ Prerequisite Skills Masters, pp. 5–8
- ___ TeacherWorks CD-ROM, Louisiana Edition
- ___ StudentWorks CD-ROM, Louisiana Edition

2 Teach

- ___ In-Class Examples, *TWE*, p. 71
- ___ Teaching Pre-Algebra with Manipulatives, p. 41
- ___ Interactive Chalkboard CD-ROM, Lesson 2-3
- ___ pre-alg.com/extra_examples/leap21
- ___ pre-alg.com/careers
- ___ Guide to Daily Intervention, pp. 10–11
- ___ Daily Intervention, *TWE*, p. 72
- ___ Study Guide and Intervention, *CRM*, p. 67
- ___ Reading to Learn Mathematics, *CRM*, p. 70
- ___ Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition

3 Practice/Apply

- ___ Skills Practice, *CRM*, p. 68
- ___ Practice, *CRM*, p. 69
- ___ Extra Practice, *SE*, p. 727
- ___ Differentiated Instruction, *TWE*, p. 72
- ___ School-to-Career Masters, p. 4
- ___ Parent and Student Study Guide Workbook, p. 11
- ___ Answer Key Transparencies, Lesson 2-3

Assignment Guide, pp. 72–74, SE

	Objective 1	Objective 2	Other
Basic	15–33 odd, 39	41–51 odd	55–74
Average	15–39 odd, 52, 53	41–51 odd	55–74
Advanced	14–38 even	40–50 even, 54	55–70 (Optional: 71–74)
All	Practice Quiz 1 (1–10)		

Alternate Assignment _____

4 Assess

- ___ Practice Quiz 1, *SE*, p. 74
- ___ Open-Ended Assessment, *TWE*, p. 74
- ___ Enrichment, *CRM*, p. 71
- ___ Assessment, Mid-Chapter Test, *CRM*, 103
- ___ Assessment, Quiz, *CRM*, p. 101
- ___ pre-alg.com/self_check_quiz/leap21
- ___ Countdown to LEAP 21, *TWE*, p. LA17

___ Closing the Gap for Absent Students, pp. 4–5

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Lesson Planning Guide (pp. 75–79)



2-4

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
1, 2, 6

Recommended Pacing	
Regular Average	Days 7 & 8 of 13
Regular Advanced	Day 4 of 8
Block Average	Days 4 & 5 of 7
Block Advanced	Day 2 of 4

Louisiana Grade-Level Expectations, Grade 8: 5, 6
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Objectives

- ___ Multiply integers.
- ___ Simplify algebraic expressions.
- ___ State/local objectives: _____

1 Focus

Materials/Resources Needed _____

- ___ *5-Minute Check Transparencies*, Lesson 2-4
- ___ *Mathematical Background*, *TWE*, p. 54D
- ___ *Prerequisite Skills Masters*, pp. 9–10
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *StudentWorks CD-ROM, Louisiana Edition*

2 Teach

- ___ In-Class Examples, *TWE*, pp. 76–77
- ___ *Teaching Pre-Algebra with Manipulatives*, pp. 42–43
- ___ *Interactive Chalkboard CD-ROM*, Lesson 2-4
- ___ pre-alg.com/extra_examples/leap21
- ___ *Guide to Daily Intervention*, pp. 10–11
- ___ *Study Guide and Intervention, CRM*, p. 72
- ___ *Reading to Learn Mathematics, CRM*, p. 75
- ___ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

3 Practice/Apply

- ___ Skills Practice, *CRM*, p. 73
- ___ Practice, *CRM*, p. 74
- ___ Extra Practice, *SE*, p. 727
- ___ Differentiated Instruction, *TWE*, p. 79
- ___ *Parent and Student Study Guide Workbook*, p. 12
- ___ *Answer Key Transparencies*, Lesson 2-4
- ___ pre-alg.com/webquest

Assignment Guide, pp. 77-79, SE

	Objective 1	Objective 2	Other
Basic	17–35 odd, 55	37–53 odd	54, 56–85
Average	17–35 odd, 55	37–53 odd	54, 56–85
Advanced	16–34 even, 54, 55	36–52 even	56–79 (Optional: 80–85)
Alternate Assignment _____			

4 Assess

- ___ Open-Ended Assessment, *TWE*, p. 79
- ___ Enrichment, *CRM*, p. 76
- ___ pre-alg.com/self_check_quiz/leap21
- ___ Countdown to LEAP 21, *TWE*, p. LA17

___ *Closing the Gap for Absent Students*, pp. 4–5

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Lesson Planning Guide (pp. 80–84)



2-5

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
1, 2, 6

Recommended Pacing	
Regular Average	Days 9 & 10 of 13
Regular Advanced	Day 5 of 8
Block Average	Days 5 & 6 of 7
Block Advanced	Day 3 of 4

Louisiana Grade-Level Expectations, Grade 8: 5, 6
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Objectives

- ___ Divide integers.
- ___ Find the average of a set of data.
- ___ State/local objectives: _____

1 Focus

Materials/Resources Needed _____

- ___ 5-Minute Check Transparencies, Lesson 2-5
- ___ Mathematical Background, *TWE*, p. 54D
- ___ Prerequisite Skills Masters, pp. 11–12
- ___ TeacherWorks CD-ROM, Louisiana Edition
- ___ StudentWorks CD-ROM, Louisiana Edition

2 Teach

- ___ In-Class Examples, *TWE*, p. 81
- ___ Interactive Chalkboard CD-ROM, Lesson 2-5
- ___ pre-alg.com/extra_examples/leap21
- ___ Guide to Daily Intervention, pp. 10–11
- ___ Daily Intervention, *TWE*, p. 82
- ___ Study Guide and Intervention, *CRM*, p. 77
- ___ Reading to Learn Mathematics, *CRM*, p. 80
- ___ Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition

3 Practice/Apply

- ___ Skills Practice, *CRM*, p. 78
- ___ Practice, *CRM*, p. 79
- ___ Extra Practice, *SE*, p. 727
- ___ Differentiated Instruction, *TWE*, p. 81
- ___ Graphing Calculator and Spreadsheet Masters, p. 21
- ___ Parent and Student Study Guide Workbook, p. 13
- ___ Answer Key Transparencies, Lesson 2-5
- ___ Pre-AlgePASS CD-ROM, Lesson 3

Assignment Guide, pp. 83-84, SE

	Objective 1	Objective 2	Other
Basic	13–19 odd, 25–31 odd, 35	33	36–40, 42–50
Average	13–31 odd, 35	33	36–50
Advanced	12–30 even, 34	32	36–46 (Optional: 47–50)
All	Practice Quiz 2 (1–10)		
Alternate Assignment _____			

4 Assess

- ___ Practice Quiz 2, *SE*, p. 84
- ___ Open-Ended Assessment, *TWE*, p. 84
- ___ Enrichment, *CRM*, p. 81
- ___ Assessment, Quiz, *CRM*, p. 102
- ___ pre-alg.com/self_check_quiz/leap21
- ___ Countdown to LEAP 21, *TWE*, pp. LA17, LA18

___ Closing the Gap for Absent Students, pp. 4–5

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Lesson Planning Guide (pp. 85–89)



2-6

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
2, 3, 6, 10

Recommended Pacing	
Regular Average	Day 11 of 13
Regular Advanced	Day 6 of 8
Block Average	Day 6 of 7
Block Advanced	Day 3 of 4

Louisiana Grade-Level Expectations, Grade 8: 33

Objectives

- ___ Graph points on a coordinate plane.
- ___ Graph algebraic relationships.
- ___ State/local objectives: _____

1 Focus

Materials/Resources Needed _____

- ___ Building on Prior Knowledge, *TWE*, p. 86
- ___ *5-Minute Check Transparencies*, Lesson 2-6
- ___ Mathematical Background, *TWE*, p. 54D
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *StudentWorks CD-ROM, Louisiana Edition*

2 Teach

- ___ In-Class Examples, *TWE*, pp. 86–87
- ___ *Interactive Chalkboard CD-ROM*, Lesson 2-6
- ___ pre-alg.com/extra_examples/leap21
- ___ *Guide to Daily Intervention*, pp. 10–11
- ___ Daily Intervention, *TWE*, p. 87
- ___ Study Guide and Intervention, *CRM*, p. 82
- ___ Reading to Learn Mathematics, *CRM*, p. 85
- ___ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

3 Practice/Apply

- ___ Skills Practice, *CRM*, p. 83
- ___ Practice, *CRM*, p. 84
- ___ Extra Practice, *SE*, p. 728
- ___ Differentiated Instruction, *TWE*, p. 87
- ___ *Graphing Calculator and Spreadsheet Masters*, p. 22
- ___ *Parent and Student Study Guide Workbook*, p. 14
- ___ *Answer Key Transparencies*, Lesson 2-6

Assignment Guide, pp. 87–89, SE

	Objective 1	Objective 2	Other
Basic	13–33 odd, 41, 45–48	35–39 odd	50–67
Average	13–33 odd, 41, 45–48	35–39 odd, 43	50–67
Advanced	14–34 even, 42, 45–48	36–40 even, 44	49–67
Alternate Assignment _____			

4 Assess

- ___ Open-Ended Assessment, *TWE*, p. 89
- ___ Enrichment, *CRM*, p. 86
- ___ Assessment, Quiz, *CRM*, p. 102
- ___ pre-alg.com/self_check_quiz/leap21
- ___ Countdown to LEAP 21, *TWE*, p. LA18

___ *Closing the Gap for Absent Students*, pp. 4–5

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Review and Testing (pp. 90–94)



2

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Recommended Pacing	
Regular Average	Days 12 & 13 of 13
Regular Advanced	Days 7 & 8 of 8
Block Average	Day 7 of 7
Block Advanced	Day 4 of 4

Assess

- ___ *Parent and Student Study Guide Workbook*, p. 15
- ___ Vocabulary and Concept Check, *SE*, p. 90
- ___ Vocabulary Test, *CRM*, p. 100
- ___ Lesson-by-Lesson Review, *SE*, pp. 90–92
- ___ Practice Test, *SE*, p. 93
- ___ Chapter 2 Tests, *CRM*, pp. 87–98
- ___ Open-Ended Assessment, *CRM*, p. 99
- ___ Standardized Test Practice, *SE*, pp. 94–95
- ___ Standardized Test Practice, *CRM*, pp. 105–106
- ___ Cumulative Review, *CRM*, p. 104
- ___ *Vocabulary PuzzleMaker CD-ROM*
- ___ pre-alg.com/vocabulary_review
- ___ pre-alg.com/chapter_test/leap21
- ___ pre-alg.com/standardized_test/leap21
- ___ *MindJogger Videoquizzes VHS*

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*