

3 Adding and Subtracting Decimals



Chapter Pacing Guide

Please note that this pacing guide is based upon completing the entire text in 165 classes, approximately 50 minutes each. More time can be allotted for this chapter if you do not plan to teach the entire text.

<i>Day (Standard)</i>	<i>Day (Honors)</i>	<i>Lesson</i>	<i>Title</i>
1	1	*Chapter Project	Theme: Travel Vacation Destination
2 & 3		*3-1A	<small>HANDS-ON LAB</small> Cooperative Learning Decimals Through Hundredths
	2	3-1	Decimals Through Ten-Thousandths
4 & 5		*3-2A	<small>HANDS-ON LAB</small> Cooperative Learning Measurement
	3	3-2	Integration: Measurement Length in the Metric System
6	4	3-3	Comparing and Ordering Decimals
7	5	3-4	Rounding Decimals
8	6	3-5	Estimating Sums and Differences
9	7	3-6A	<small>THINKING LAB</small> Problem Solving Reasonable Answers
10	8	3-6	Adding and Subtracting Decimals
11	9	Review: Study Guide and Assessment	
12	10	Assessment: Chapter Test	

* Optional

Chapter Resources

<p>Meeting Individual Needs <i>Investigations for the Special Education Student, Dining Out, p. 7</i> <i>Spanish Study Guide and Assessment</i> <i>Study Guide and Practice Workbook</i></p>	<p>Technology <i>Electronic Teacher's Classroom Resources (ETCR)</i> www.glencoe.com/sec/math/mac/mathnet</p>
<p>Interactive Mathematics: Activities and Investigations Units 12 and 18</p>	<p>Applications <i>Family Letters and Activities, pp. 5-6</i> <i>Spanish Family Letters and Activities, pp. 5-6</i></p>



Chapter Project (pp. 92-93)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Objectives

- _____ Understand estimating, adding, and subtracting decimals.
- _____ Be able to solve problems using decimals.

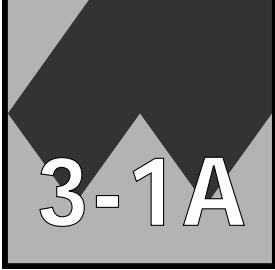
Theme: Travel

- _____ Chapter Project, *SE*, p. 93
- _____ Chapter 3 Notes, *TWE*, p. 92
- _____ Question of the Day, *TWE*, p. 92
- _____ ⇨ *Investigations and Projects Masters*, pp. 25-28

Homework Assignments

- _____ p.115, Working on the Chapter Project, Exercise 35
- _____ p.120, Working on the Chapter Project, Exercise 34
- _____ p.125, Completing the Chapter Project, Alternative Assessment

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



Lesson Planning Guide (p. 94)



Teacher's Name _____ Dates _____
Grade _____ Class _____ M Tu W Th F

Objectives

_____ Students model decimals through hundredths.

The California Mathematics Academic Content Standards
Grade 5: MR2.3, MR2.4 Basic Lesson
Grade 6: Optional Lesson

MANAGEMENT

- _____ Getting Started, *TWE*, p. 1
- _____ ⇨ *Hands-On Lab Masters*, p. 1: base-ten models
- _____ ⇨ *Teacher's Guide for Overhead Manipulative Resources*, Lesson 3-1A
- _____ ⇨ *Overhead Manipulative Resources*: decimal models
- _____ ⇨ *CD-ROM Program*, Interactive Lesson 3-1A

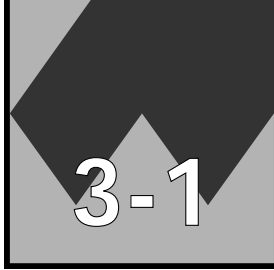
ASSESS

- _____ *TWE*, p. 94
- _____ ⇨ *Hands-On Lab Masters*, p. 41

Class Activity (p. 94)
_____ All: 1-4
_____ Alternate Assignment: _____

_____ Math Journal, *TWE*, p. 94

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



Lesson Planning Guide (pp. 95-98)



Teacher's Name _____ Dates _____
 Grade _____ Class _____ M Tu W Th F

Objectives

_____ Model, read, and write decimals.

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 95
- _____ ⇨ Transparency 3-1A
- _____ Motivating the Lesson, Hands-On-Activity, *TWE*, p. 96
- _____ Multiple Learning Styles, Interpersonal, *TWE*, p. 95
- _____ Cross-Curriculum Cue, *TWE*, p. 95

The California Mathematics Academic Content Standards
Grade 5: MR2.3, MR2.4 Basic Lesson
Grade 6: AF3.2, SDP1.1, SDP2.3, MR1.1, MR2.4, MR2.5 Key Lesson

2 TEACH

- _____ ⇨ Transparency 3-1B
- _____ Reading Mathematics, *TWE*, p. 96
- _____ In-Class Examples, *TWE*, pp. 96-97
- _____ ⇨ *Study Guide Masters*, p. 17
- _____ Reteaching the Lesson, *TWE*, p. 97
- _____ ⇨ *Transition Booklet*, pp. 5-6
- _____ ⇨ *CD-ROM Program*, Resource Lesson 3-1
- _____ ⇨ *Interactive Mathematics Tools Software*

3 PRACTICE/APPLY

- _____ Check for Understanding, *SE*, p. 97

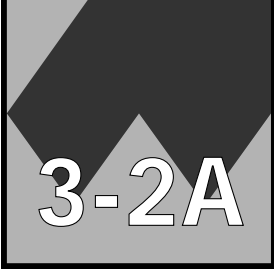
Homework Assignments (pp. 97-98)	
_____ Core: 11-29 odd, 31-35	_____ Enriched: 12-28 even, 29-35
_____ Alternate Assignment: _____	

- _____ Extra Practice, *SE*, p. 563
- _____ ⇨ *Practice Masters*, p. 17
- _____ School to Career Activity, *SE*, p. 99
- _____ Math in the Media, *SE*, p. 98

4 ASSESS

- _____ Closing Activity, Speaking, *TWE*, p. 98
- _____ Extending the Lesson, *TWE*, p. 98
- _____ ⇨ *Enrichment Masters*, p. 17

KEY	<i>SE</i> = Student Edition	<i>TWE</i> = Teacher's Wraparound Edition	⇨ = Other Program Components
------------	-----------------------------	---	------------------------------



Lesson Planning Guide (pp. 100-101)



Teacher's Name _____ Dates _____
Grade _____ Class _____ M Tu W Th F

Objectives

_____ Measure length in metric units.

MANAGEMENT

_____ Getting Started, *TWE*, p. 100

ASSESS

_____ *TWE*, p. 101

_____ ⇄ *Hands-On Lab Masters*, p. 42

The California Mathematics Academic Content Standards
Grade 5: MR2.3, MR2.4 Basic Lesson
Grade 6: SDP2.3 Key Lesson

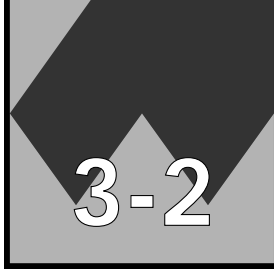
Class Activity (p. 101)

_____ All: 1-5

_____ Alternate Assignment: _____

_____ Math Journal, *TWE*, p. 101

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



Lesson Planning Guide (pp. 102-104)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Objectives

_____ Show relationships among metric units of length and measure line segments.

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 102
- _____ ⇨ Transparency 3-2A
- _____ Motivating the Lesson, Communication, *TWE*, p. 102

2 TEACH

- _____ ⇨ Transparency 3-2B
- _____ Using the Mini-Lab, *TWE*, p. 102
- _____ ⇨ *Teacher's Guide, Overhead Manipulative Resources*, Mini-Lab for Lesson 3-2.
- _____ Multiple Learning Styles, Kinesthetic, *TWE*, p. 102
- _____ In-Class Examples, *TWE*, p. 103
- _____ ⇨ *Study Guide Masters*, p. 18
- _____ Reteaching the Lesson, *TWE*, p. 103
- _____ Error Analysis, *TWE*, p. 103
- _____ ⇨ *Transition Booklet*, pp. 29-30
- _____ ⇨ *CD-ROM Program*, Resource Lesson 3-2

3 PRACTICE/APPLY

- _____ Check for Understanding, *SE*, pp. 103-104

Homework Assignments (p. 104)

- _____ Core 9-23 odd, 24-27
- _____ Enriched: 10-20 even, 22-27
- _____ Alternate Assignment: _____

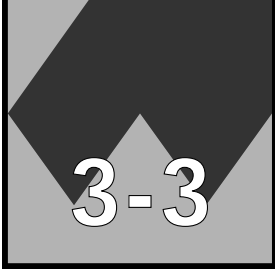
- _____ Extra Practice, *SE*, p. 563
- _____ ⇨ *Practice Masters*, p. 18

4 ASSESS

- _____ Closing Activity, Modeling, *TWE*, p. 104
- _____ ⇨ *Assessment and Evaluation Masters*, Quiz A, p. 71
- _____ Extending the Lesson, *TWE*, p. 104
- _____ ⇨ *Enrichment Masters*, p. 18

The California Mathematics Academic Content Standards	
Grade 5:	MG2.1, MR2.3, MR2.4
	🔑 Key Lesson
Grade 6:	NS1.1, AF1.3, MR1.1
	🔑 Key Lesson

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



Lesson Planning Guide (pp. 105-108)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Objectives

_____ Compare decimals and order a set of decimals.

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 105
- _____ ⇨ Transparency 3-3A
- _____ Motivating the Lesson, Problem Solving, *TWE*, p. 105

2 TEACH

- _____ ⇨ Transparency 3-3B
- _____ Using the Mini-Lab, *TWE*, p. 106
- _____ ⇨ *Teacher's Guide for Overhead Manipulative Resources*, Mini-Lab for Lesson 3-3
- _____ In-Class Examples, *TWE*, p. 106
- _____ ⇨ *Study Guide Masters*, p. 19
- _____ Reteaching the Lesson, *TWE*, p. 107
- _____ Error Analysis, *TWE*, p. 107
- _____ ⇨ *Transition Booklet*, pp. 7-8
- _____ ⇨ *CD-ROM Program*, Resource Lesson 3-3, Interactive Lesson 3-3

The California Mathematics Academic Content Standards	
Grade 5:	NS1.5, MR2.3, MR2.4
	🔑 Key Lesson
Grade 6:	NS1.1, SDP1.1, SDP2.3, MR2.6
	🔑 Key Lesson

3 PRACTICE/APPLY

- _____ Check for Understanding, *SE*, p. 107

Homework Assignments (p. 108)

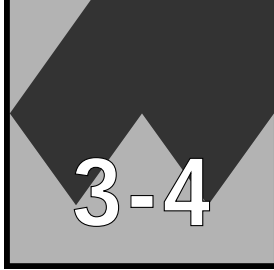
- _____ Core: 11-27 odd, 28-32 _____ Enriched: 10-24 even, 26-32
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 563
- _____ ⇨ *Practice Masters*, p. 19
- _____ ⇨ *Hands-On Lab Masters*, p. 71
- _____ ⇨ *Technology Masters*, Graphing Calculator Activity, p. 6

4 ASSESS

- _____ Closing Activity, Modeling, *TWE*, p. 108
- _____ ⇨ *Assessment and Evaluation Masters*, Mid-Chapter Test, p. 70
- _____ ⇨ *Assessment and Evaluation Masters*, Quiz B, p. 71
- _____ Extending the Lesson, *TWE*, p.108
- _____ ⇨ *Enrichment Masters*, p. 19

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



Lesson Planning Guide (pp. 109-111)



Teacher's Name _____ Dates _____
 Grade _____ Class _____ M Tu W Th F

Objectives

_____ Round decimals.

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 109
- _____ ⇨ Transparency 3-4A
- _____ Motivating the Lesson, Communication, *TWE*, p. 109

2 TEACH

- _____ ⇨ Transparency 3-4B
- _____ Using Number Lines, *TWE*, p. 110
- _____ Multiple Learning Styles, Logical, *TWE*, p. 110
- _____ In-Class Examples, *TWE*, p. 110
- _____ ⇨ *Study Guide Masters*, p. 20
- _____ Reteaching the Lesson, *TWE*, p. 110
- _____ ⇨ *CD-ROM Program*, Resource Lesson 3-4

3 PRACTICE/APPLY

- _____ Check for Understanding, *SE*, p. 110
- _____ Family Activity, *SE*, p. 111

The California Mathematics Academic Content Standards	
Grade 5:	NS1.1, NS1.5, MR2.3, MR2.4, MR2.5 Key Lesson
Grade 6:	NS1.1, SDP1.4, SDP2.3, MR2.3, MR2.6 Key Lesson

Homework Assignments (pp. 110-111)

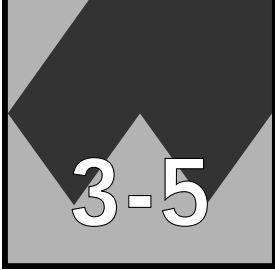
_____ Core: 9-23 odd, 25-28 _____ Enriched: 10-22 even, 23-28
 _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 564
- _____ ⇨ *Practice Masters*, p. 20
- _____ ⇨ *Diversity Masters*, p. 3

4 ASSESS

- _____ Closing Activity, Speaking, *TWE*, p. 111
- _____ Extending the Lesson, *TWE*, p. 111
- _____ ⇨ *Enrichment Masters*, p. 20
- _____ Mid-Chapter Self Test, *SE*, p. 111

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



Lesson Planning Guide (pp. 112-115)



Teacher's Name _____ Dates _____
Grade _____ Class _____ M Tu W Th F

Objectives

_____ Estimate decimal sums and differences.

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 112
- _____ ⇨ Transparency 3-5A
- _____ Motivating the Lesson, Problem Solving, *TWE*, p. 112

2 TEACH

- _____ ⇨ Transparency 3-5B
- _____ Reading Mathematics, *TWE*, p. 113
- _____ In-Class Examples, *TWE*, p. 113
- _____ ⇨ *Study Guide Masters*, p. 21
- _____ Reteaching the Lesson, *TWE*, p. 114
- _____ Error Analysis, *TWE*, p. 114
- _____ ⇨ *CD-ROM Program*, Resource Lesson 3-5

3 PRACTICE/APPLY

- _____ Check for Understanding, *SE*, p. 114

The California Mathematics Academic Content Standards	
Grade 5:	NS1.1, MR2.3, MR2.4
Basic Lesson	
Grade 6:	NS1.1, AF1.3, SDP1.1, SDP2.3, MR1.1, MR2.1, MR2.3, MR2.6, MR2.7, MR3.1
🔑 Key Lesson	

Homework Assignments (pp. 114-115)

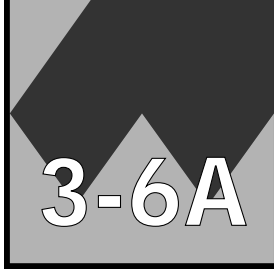
- _____ Core: 13-33 odd, 36-41 _____ Enriched: 12-32 even, 33, 34, 36-41
- _____ Optional: 35 (Working on the Chapter Project)
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 564
- _____ ⇨ *Practice Masters*, p. 21

4 ASSESS

- _____ Closing Activity, Writing, *TWE*, p. 115
- _____ ⇨ *Assessment and Evaluation Masters*, Quiz C, p. 72
- _____ Extending the Lesson, *TWE*, p. 115
- _____ ⇨ *Enrichment Masters*, p. 21

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



Lesson Planning Guide (pp. 116-117)



Teacher's Name _____ Dates _____
 Grade _____ Class _____ M Tu W Th F

Objectives

_____ Determine whether answers to problems are reasonable.

1 FOCUS

_____ Getting Started, *TWE*, p. 116

2 TEACH

_____ In-Class Examples, *TWE*, p. 116

_____ Reteaching the Lesson, *TWE*, p. 116

3 PRACTICE/APPLY

_____ Check for Understanding, *TWE*, p. 117

The California Mathematics Academic Content Standards
--

Grade 5: MR2.1, MR2.3, MR2.4, MR2.6, MR3.1, MR3.2

Basic Lesson

Grade 6: SDP2.3, MR2.1, MR3.2

Key Lesson

<i>Homework Assignments (p. 117)</i>

_____ All: 5-13

_____ Alternate Assignment: _____

_____ Extra Practice, *SE*, p. 564

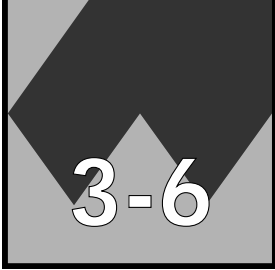
_____ Mixed Problem Solving, *SE*, pp. 593-594

4 ASSESS

_____ Closing Activity, Writing, *TWE*, p. 117

_____ Extending the Lesson, *TWE*, p. 117

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



Lesson Planning Guide (pp. 118-121)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Objectives

_____ Add and subtract decimals.

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 118
- _____ ⇨ Transparency 3-6A
- _____ Motivating the Lesson, Hands-On-Activity, *TWE*, p. 118

2 TEACH

- _____ ⇨ Transparency 3-6B
- _____ Thinking Algebraically, *TWE*, p. 119
- _____ In-Class Examples, *TWE*, p. 119
- _____ ⇨ *Study Guide Masters*, p. 22
- _____ Reteaching the Lesson, *TWE*, p. 119
- _____ Error Analysis, *TWE*, p. 119
- _____ ⇨ *CD-ROM Program*, Resource Lesson 3-6
- _____ ⇨ *Interactive Mathematics Tools Software*

3 PRACTICE/APPLY

- _____ Check for Understanding, *SE*, p. 119

The California Mathematics Academic Content Standards	
Grade 5:	NS2.1, MR2.1, MR2.3, MR2.4, MR2.6, MR3.1
	Key Lesson
Grade 6:	SDP1.4, SDP2.3, MR2.1, MR2.3, MR2.6
	Key Lesson

Homework Assignments (pp. 120-121)

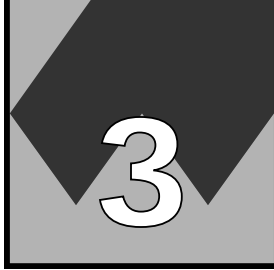
- _____ Core: 11-33 odd, 35-39 _____ Enriched: 12-32 even, 33, 35-39
- _____ Optional: 34 (Working on the Chapter Project)
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 565
- _____ ⇨ *Practice Masters*, p. 22
- _____ ⇨ *School to Career Masters*, p. 3
- _____ ⇨ *Classroom Games*, pp. 5-6
- _____ ⇨ *Technology Masters*, Calculator Activity, p. 5
- _____ School to Career Activity, *SE*, p. 3

4 ASSESS

- _____ Let the Games Begin, *SE*, p. 121
- _____ Closing Activity, Modeling, *TWE*, p. 121
- _____ Extending the Lesson, *TWE*, p. 121
- _____ ⇨ *Enrichment Masters*, p. 22
- _____ ⇨ *Assessment and Evaluation Masters*, Quiz D, p. 72

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



Review and Assessment (pp. 122-127)



Teacher's Name _____ Dates _____

Grade _____ Class _____
Review M Tu W Th F
Testing M Tu W Th F

- _____ Study Guide and Assessment, *SE*, pp. 122-125
- _____ Standardized Test Practice, *SE*, pp. 126-127
- _____ Chapter Test, *SE*, p. 597

⇨ **Assessment and Evaluation Masters (pp. 57-75)**

Multiple-Choice Tests

- _____ Form 1A, 1B, or 1C, pp. 57-62
- _____ Standardized Test Practice, pp. 73-74

Free-Response Tests

- _____ Form 2A, 2B, or 2C, pp. 63-68
- _____ Performance Assessment, p. 69
- _____ Cumulative Review, p. 75

- _____ ⇨ *MindJogger Videoquizzes*, Chapter 3
- _____ ⇨ *Test and Review Software*
- _____ ⇨ *CD-ROM Assessment Game*
- _____ ⇨ *State Test Preparation CD-ROM*
- _____ ⇨ *California Framework Practice and Sample Test Workbook*, Grade 5
- _____ ⇨ *California Framework Practice Transparencies*, Grade 5
- _____ ⇨ *California Framework Practice and Sample Test Workbook*, Grade 6
- _____ ⇨ *California Framework Practice Transparencies*, Grade 6

Interdisciplinary Investigation, SE, pp. 128-129

- _____ ⇨ *Interdisciplinary Investigation, TWE*, pp. 128-129
- _____ ⇨ *Investigations and Projects Masters*, pp. 1-4

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