

# Lesson Planning Guide (pp. 546–549)



14-1

Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_

Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Day 1 of 14
Block 90-minute periods	Day 1 of 5

NCTM Standards
1, 6, 7, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
A-1-M, A-5-M, M-1-M, G-1-M, G-2-M, G-4-M, G-5-M, G-7-M, P-3-M
Louisiana GLE
19, 22, 28

## Objective

\_\_\_ Find the areas of parallelograms.

### 1 Focus

Materials/Resources Needed \_\_\_\_\_

- \_\_\_ 5-Minute Check 14-1, *TWE*, p. 546
- \_\_\_ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 14-1
- \_\_\_ Bellringer, *TWE*, p. 546
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Interactive Student Edition CD-ROM*
- \_\_\_ *Quick Review Math Handbook*, Sections 7-5, 8-3

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, p. 547
- \_\_\_ *Teaching Math with Manipulatives*, pp. 129–130
- \_\_\_ *Teaching Mathematics with Foldables™*, p. 66
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 14-1
- \_\_\_ Daily Intervention, *TWE*, p. 547
- \_\_\_ Study Guide and Intervention, *CRM*, p. 699
- \_\_\_ *Study Guide and Intervention Workbook*, p. 85
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 702
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Key Teaching Transparencies*

### 3 Practice/Apply

- \_\_\_ Practice: Skills, *CRM*, pp. 700–701
- \_\_\_ *Practice: Skills Workbook*, p. 85
- \_\_\_ *Practice: Word Problems Workbook*, p. 85
- \_\_\_ Extra Practice, *SE*, p. 622
- \_\_\_ [msmath1.net/extra\\_examples/leap21](http://msmath1.net/extra_examples/leap21)
- \_\_\_ Differentiated Instruction, *TWE*, p. 547
- \_\_\_ *Skills Intervention*, Skill 49
- \_\_\_ *Calculator and Spreadsheet Masters*, p. 57
- \_\_\_ *Parent and Student Study Guide*, Lesson 14-1
- \_\_\_ *Virtual Activities for Middle School Mathematics, Level 1*
- \_\_\_ *Answer Key Transparencies*, Lesson 14-1
- \_\_\_ *Math Skills Maintenance*, Skills 7, 26, 32
- \_\_\_ Family Letters & Activities, *CRM*, pp. ix–x

#### Assignment Guide, pp. 548–549, SE

Exercises	
Basic	1–35 odd
Advanced	1–11 odd, 13–36
Alternate Assignment _____	
_____	

- \_\_\_ *Solutions Manual*
- \_\_\_ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 14-1

### 4 Assess

- \_\_\_ Open-Ended Assessment, *TWE*, p. 549
- \_\_\_ Enrichment, *CRM*, p. 703
- \_\_\_ *AnswerKey Maker CD-ROM*
- \_\_\_ [msmath1.net/self\\_check\\_quiz/leap21](http://msmath1.net/self_check_quiz/leap21)

\_\_\_ *Closing the Gap for Absent Students*, pp. 28–29

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

# Hands-On Lab (p. 550)



14-2a

Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_

Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Day 2 of 14
Block 90-minute periods	Day 1 of 5

NCTM Standards
1, 6, 7, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
M-1-M, G-4-M
Louisiana GLE
19

## Objective

\_\_\_ Find the area of a triangle using the properties of parallelograms.

### Getting Started

Materials/Resources Needed grid paper, colored pencils, scissors

### Focus

### Teach

- \_\_\_ *Teaching Math with Manipulatives*, p. 131
- \_\_\_ *Overhead Manipulative Resources*
- \_\_\_ *Glencoe Mathematics Classroom Manipulative Kit*
- \_\_\_ *Glencoe Mathematics Student Manipulative Kit*

Assignment Guide, p. 550, SE	
All	1–3
Alternate Assignment _____	

### Assess

# Lesson Planning Guide (pp. 551–554)



14-2

Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_

Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Day 3 of 14
Block 90-minute periods	Day 1 of 5

NCTM Standards
1, 6, 7, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
A-1-M, A-5-M, M-1-M, M-2-M, G-1-M, G-2-M, G-5-M, G-7-M
Louisiana GLE
19, 21, 22, 28

## Objective

\_\_\_ Find the areas of triangles.

### 1 Focus

Materials/Resources Needed \_\_\_\_\_

- \_\_\_ 5-Minute Check 14-2, *TWE*, p. 551
- \_\_\_ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 14-2
- \_\_\_ Bellringer, *TWE*, p. 551
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Interactive Student Edition CD-ROM*
- \_\_\_ *Quick Review Math Handbook*, Sections 7-5, 8-3

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, p. 552
- \_\_\_ *Teaching Math with Manipulatives*, p. 132
- \_\_\_ *Teaching Mathematics with Foldables™*, pp. 61, 62
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 14-2
- \_\_\_ Daily Intervention, *TWE*, pp. 552, 553
- \_\_\_ Study Guide and Intervention, *CRM*, p. 704
- \_\_\_ *Study Guide and Intervention Workbook*, p. 86
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 707
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Key Teaching Transparencies*

### 3 Practice/Apply

- \_\_\_ Practice: Skills, *CRM*, pp. 705–706
- \_\_\_ *Practice: Skills Workbook*, p. 86
- \_\_\_ *Practice: Word Problems Workbook*, p. 86
- \_\_\_ Extra Practice, *SE*, p. 622
- \_\_\_ [msmath1.net/extra\\_examples/leap21](http://msmath1.net/extra_examples/leap21)
- \_\_\_ *Skills Intervention*, Skill 50
- \_\_\_ *Calculator and Spreadsheet Masters*, p. 58
- \_\_\_ *Parent and Student Study Guide*, Lesson 14-2
- \_\_\_ *Virtual Activities for Middle School Mathematics, Level 1*
- \_\_\_ *Answer Key Transparencies*, Lesson 14-2
- \_\_\_ *Math Skills Maintenance*, Skill 7
- \_\_\_ Family Letters & Activities, *CRM*, pp. ix–x
- \_\_\_ *Solutions Manual*

#### Assignment Guide, pp. 553–554, SE

Exercises	
Basic	1–35 odd
Advanced	1–15 odd, 17–35
Alternate Assignment _____	
_____	

- \_\_\_ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 14-2

### 4 Assess

- \_\_\_ Higher-Level Thinking, *TWE*, p. 554
- \_\_\_ Enrichment, *CRM*, p. 708
- \_\_\_ *AnswerKey Maker CD-ROM*
- \_\_\_ Assessment, Quiz, *CRM*, p. 743
- \_\_\_ [msmath1.net/self\\_check\\_quiz/leap21](http://msmath1.net/self_check_quiz/leap21)

\_\_\_ *Closing the Gap for Absent Students*, pp. 28–29

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# Hands-On Lab (p. 555)



14-2b

Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_

Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Day 4 of 14
Block 90-minute periods	Day 1 of 5

NCTM Standards
1, 6, 7, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
M-1-M, G-2-M, G-4-M, G-5-M
Louisiana GLE
19, 28

## Objective

\_\_\_ Find the area of a trapezoid using the properties of triangles.

### Getting Started

Materials/Resources Needed grid paper

\_\_\_\_\_

\_\_\_\_\_

### Focus

### Teach

\_\_\_ *Teaching Math with Manipulatives*, p. 133

\_\_\_ *Overhead Manipulative Resources*

\_\_\_ *Glencoe Mathematics Classroom*

*Manipulative Kit*

\_\_\_ *Glencoe Mathematics Student*

*Manipulative Kit*

### Assignment Guide, p. 555, SE

All	1–3
Alternate Assignment _____	

### Assess

# Lesson Planning Guide (pp. 556–559)



14-3

Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_

Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Day 5 of 14
Block 90-minute periods	Day 2 of 5

NCTM Standards
1, 6, 7, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
A-1-M, A-5-M, M-2-M, G-1-M, G-2-M, G-4-M, G-5-M, G-7-M, P-3-M
Louisiana GLE
21, 22

## Objective

\_\_\_\_ Find the areas of circles.

### 1 Focus

Materials/Resources Needed \_\_\_\_\_

- \_\_\_\_ 5-Minute Check 14-3, *TWE*, p. 556
- \_\_\_\_ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 14-3
- \_\_\_\_ Bellringer, *TWE*, p. 556
- \_\_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_\_ *StudentWorks CD-ROM, Louisiana Edition*
- \_\_\_\_ *Interactive Student Edition CD-ROM*
- \_\_\_\_ *Quick Review Math Handbook*, Sections 7-8, 8-3

### 2 Teach

- \_\_\_\_ In-Class Examples, *TWE*, p. 557
- \_\_\_\_ *Teaching Mathematics with Foldables™*, p. 68
- \_\_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 14-3
- \_\_\_\_ [msmath1.net/data\\_update](http://msmath1.net/data_update)
- \_\_\_\_ Daily Intervention, *TWE*, pp. 557, 558
- \_\_\_\_ Study Guide and Intervention, *CRM*, p. 709
- \_\_\_\_ *Study Guide and Intervention Workbook*, p. 87
- \_\_\_\_ Reading to Learn Mathematics, *CRM*, p. 712
- \_\_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*

### 3 Practice/Apply

- \_\_\_\_ Practice: Skills, *CRM*, pp. 710–711
- \_\_\_\_ *Practice: Skills Workbook*, p. 87
- \_\_\_\_ *Practice: Word Problems Workbook*, p. 87
- \_\_\_\_ Extra Practice, *SE*, p. 622
- \_\_\_\_ [msmath1.net/extra\\_examples/leap21](http://msmath1.net/extra_examples/leap21)
- \_\_\_\_ *Skills Intervention*, Skill 48
- \_\_\_\_ *Calculator and Spreadsheet Masters*, p. 59
- \_\_\_\_ *Parent and Student Study Guide*, Lesson 14-3
- \_\_\_\_ *Virtual Activities for Middle School Mathematics, Level 1*
- \_\_\_\_ *Answer Key Transparencies*, Lesson 14-3
- \_\_\_\_ *MathPASS Tutorial CD-ROM*, Lessons 41, 42
- \_\_\_\_ *Math Skills Maintenance*, Skill 18
- \_\_\_\_ Family Letters & Activities, *CRM*, pp. ix–x

#### Assignment Guide, pp. 558–559, SE

Exercises	
Basic	1–29 odd
Advanced	1–13 odd, 15–29
Alternate Assignment _____	
_____	

- \_\_\_\_ *Solutions Manual*
- \_\_\_\_ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 14-3

### 4 Assess

- \_\_\_\_ Higher-Level Thinking, *TWE*, p. 559
- \_\_\_\_ Enrichment, *CRM*, p. 713
- \_\_\_\_ Assessment, Mid-Chapter Test, *CRM*, p. 745
- \_\_\_\_ *AnswerKey Maker CD-ROM*
- \_\_\_\_ Assessment, Quiz, *CRM*, p. 743
- \_\_\_\_ [msmath1.net/self\\_check\\_quiz/leap21](http://msmath1.net/self_check_quiz/leap21)

\_\_\_\_ *Closing the Gap for Absent Students*, pp. 28–29

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# Hands-On Lab (pp. 560–563)



14-3b

Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_

Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Day 6 of 14
Block 90-minute periods	Day 2 of 5

NCTM Standards
1, 6, 7, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-4-M

## Objective

\_\_\_ Make circle graphs.

### Getting Started

Materials/Resources Needed colored pencils, ruler, compass, protractor, calculator

### Focus

### Teach

- \_\_\_ *Teaching Math with Manipulatives*, p. 134
- \_\_\_ *Overhead Manipulative Resources*
- \_\_\_ *Glencoe Mathematics Classroom Manipulative Kit*
- \_\_\_ *Glencoe Mathematics Student Manipulative Kit*
- \_\_\_ *The Game Zone, SE*, p. 563

Assignment Guide, p. 561, SE	
All	1–4
Alternate Assignment _____	

### Assess

- \_\_\_ Mid-Chapter Practice Test, *SE*, p. 562

# Lesson Planning Guide (pp. 564–566)



14-4

Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_

Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Day 7 of 14
Block 90-minute periods	Day 3 of 5

NCTM Standards
1, 6, 7, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-2-M, G-5-M
Louisiana GLE
24

## Objective

\_\_\_ Identify three-dimensional figures.

### 1 Focus

Materials/Resources Needed \_\_\_\_\_

- \_\_\_ 5-Minute Check 14-4, *TWE*, p. 564
- \_\_\_ 5-Minute Check Transparencies with Standardized Test Practice, Lesson 14-4
- \_\_\_ Bellringer, *TWE*, p. 564
- \_\_\_ TeacherWorks CD-ROM, Louisiana Edition
- \_\_\_ StudentWorks CD-ROM, Louisiana Edition
- \_\_\_ Interactive Student Edition CD-ROM
- \_\_\_ Quick Review Math Handbook, Section 9-3

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, p. 565
- \_\_\_ *Teaching Mathematics with Foldables™*, p. 69
- \_\_\_ Interactive Chalkboard CD-ROM, Lesson 14-4
- \_\_\_ Daily Intervention, *TWE*, p. 564
- \_\_\_ Study Guide and Intervention, *CRM*, p. 714
- \_\_\_ Study Guide and Intervention Workbook, p. 88
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 717
- \_\_\_ TeacherWorks CD-ROM, Louisiana Edition
- \_\_\_ Key Teaching Transparencies

### 3 Practice/Apply

- \_\_\_ Practice: Skills, *CRM*, pp. 715–716
- \_\_\_ Practice: Skills Workbook, p. 88
- \_\_\_ Practice: Word Problems Workbook, p. 88
- \_\_\_ Extra Practice, *SE*, p. 623
- \_\_\_ msmath1.net/extra\_examples/leap21
- \_\_\_ Differentiated Instruction, *TWE*, p. 564
- \_\_\_ Skills Intervention, Skill 52
- \_\_\_ Parent and Student Study Guide, Lesson 14-4
- \_\_\_ Virtual Activities for Middle School Mathematics, Level 1
- \_\_\_ Answer Key Transparencies, Lesson 14-4
- \_\_\_ Family Letters & Activities, *CRM*, pp. ix–x
- \_\_\_ Solutions Manual

#### Assignment Guide, pp. 565–566, SE

Exercises	
Basic	1–23 odd
Advanced	1–7 odd, 9–24
Alternate Assignment _____	

- \_\_\_ Louisiana Noteables™: Interactive Study Notebook with Foldables™, Lesson 14-4

### 4 Assess

- \_\_\_ Open-Ended Assessment, *TWE*, p. 565
- \_\_\_ Enrichment, *CRM*, p. 718
- \_\_\_ AnswerKey Maker CD-ROM
- \_\_\_ msmath1.net/self\_check\_quiz/leap21

\_\_\_ *Closing the Gap for Absent Students*, pp. 28–29

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# Hands-On Lab (p. 567)



**14-4b**

Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_

Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Day 8 of 14
Block 90-minute periods	Day 3 of 5

NCTM Standards
1, 6, 7, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-2-M, G-4-M
Louisiana GLE
25

## Objective

\_\_\_ Draw three-dimensional figures.

### Getting Started

Materials/Resources Needed \_\_\_ isometric dot paper, ruler, isometric dot grid stamp, ink pad

### Focus

### Teach

- \_\_\_ *Teaching Math with Manipulatives*, p. 135
- \_\_\_ *Overhead Manipulative Resources*
- \_\_\_ *Glencoe Mathematics Classroom Manipulative Kit*
- \_\_\_ *Glencoe Mathematics Student Manipulative Kit*

Assignment Guide, p. 567, SE	
All	1–5
Alternate Assignment _____	

### Assess

# Problem-Solving Strategy (pp. 568–569)




14-5a

Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_

Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Day 9 of 14
Block 90-minute periods	Day 3 of 5

NCTM Standards
1, 2, 6, 7, 9, 10
 Louisiana Mathematics Framework, Grades 5–8 Benchmarks
N-4-M, N-5-M, N-7-M, P-3-M

## Objective

\_\_\_\_ Solve problems by making a model.

### Getting Started

Materials/Resources Needed \_\_\_\_\_

### Focus

\_\_\_\_ Bellringer, *TWE*, p. 568

### Teach

- \_\_\_\_ *Glencoe Mathematics Classroom Manipulative Kit*
- \_\_\_\_ In-Class Examples, *TWE*, p. 568
- \_\_\_\_ Daily Intervention, *TWE*, p. 568

#### Assignment Guide, pp. 568–569, SE

All	1–13
Alternate Assignment _____	

### Assess

\_\_\_\_ Higher-Level Thinking, *TWE*, p. 569

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# Lesson Planning Guide (pp. 570–573)



**14-5**

Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_

Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Day 10 of 14
Block 90-minute periods	Day 3 of 5

NCTM Standards
1, 2, 6, 7, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
A-1-M, A-5-M, M-1-M, M-2-M, G-1-M, G-2-M, G-4-M, G-7-M, P-3-M

## Objective

\_\_\_ Find the volume of rectangular prisms.

### 1 Focus

Materials/Resources Needed \_\_\_\_\_

- \_\_\_ 5-Minute Check 14-5, *TWE*, p. 570
- \_\_\_ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 14-5
- \_\_\_ Bellringer, *TWE*, p. 570
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Interactive Student Edition CD-ROM*
- \_\_\_ *Quick Review Math Handbook*, Sections 7-7, 9-3

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, p. 571
- \_\_\_ *Teaching Mathematics with Foldables™*, p. 70
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 14-5
- \_\_\_ Daily Intervention, *TWE*, p. 571
- \_\_\_ Study Guide and Intervention, *CRM*, p. 719
- \_\_\_ *Study Guide and Intervention Workbook*, p. 89
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 722
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Key Teaching Transparencies*

### 3 Practice/Apply

- \_\_\_ Practice: Skills, *CRM*, pp. 720–721
- \_\_\_ *Practice: Skills Workbook*, p. 89
- \_\_\_ *Practice: Word Problems Workbook*, p. 89
- \_\_\_ Extra Practice, *SE*, p. 623
- \_\_\_ [msmath1.net/extra\\_examples/leap21](http://msmath1.net/extra_examples/leap21)
- \_\_\_ Differentiated Instruction, *TWE*, p. 571
- \_\_\_ *Skills Intervention*, Skill 55
- \_\_\_ *Parent and Student Study Guide*, Lesson 14-5
- \_\_\_ *Virtual Activities for Middle School Mathematics, Level 1*
- \_\_\_ *Answer Key Transparencies*, Lesson 14-5
- \_\_\_ *MathPASS Tutorial CD-ROM*, Lesson 43
- \_\_\_ *WebQuest, Projects, and Interdisciplinary Investigations*, pp. 93–98
- \_\_\_ *Math Skills Maintenance*, Skill 7

#### Assignment Guide, pp. 572–573, SE

Exercises	
Basic	1–35 odd
Advanced	1–17 odd, 19–36
Alternate Assignment _____	

- \_\_\_ Family Letters & Activities, *CRM*, pp. ix–x
- \_\_\_ *Solutions Manual*
- \_\_\_ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 14-5

### 4 Assess

- \_\_\_ Open-Ended Assessment, *TWE*, p. 573
- \_\_\_ Enrichment, *CRM*, p. 723
- \_\_\_ *AnswerKey Maker CD-ROM*
- \_\_\_ Assessment, Quiz, *CRM*, p. 744
- \_\_\_ [msmath1.net/self\\_check\\_quiz/leap21](http://msmath1.net/self_check_quiz/leap21)

\_\_\_ *Closing the Gap for Absent Students*, pp. 28–29

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# Hands-On Lab (p. 574)



14-6a

Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_

Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Day 11 of 14
Block 90-minute periods	Day 4 of 5

NCTM Standards
1, 2, 6, 7, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-2-M, G-4-M
Louisiana GLE
25

## Objective

\_\_\_ Build a three-dimensional figure from a net and vice versa.

### Getting Started

Materials/Resources Needed \_\_\_ centimeter cubes, scissors, paper

### Focus

### Teach

- \_\_\_ *Teaching Math with Manipulatives*, p. 136
- \_\_\_ *Overhead Manipulative Resources*
- \_\_\_ *Glencoe Mathematics Classroom Manipulative Kit*
- \_\_\_ *Glencoe Mathematics Student Manipulative Kit*

Assignment Guide, p. 574, SE	
All	1–4
Alternate Assignment _____	

### Assess

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

# Lesson Planning Guide (pp. 575–578)



**14-6**

Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_

Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Day 12 of 14
Block 90-minute periods	Day 4 of 5

NCTM Standards
1, 2, 6, 7, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
A-1-M, A-5-M, M-1-M, G-1-M, G-2-M, G-4-M, G-7-M

## Objective

Find the surface areas of rectangular prisms.

### 1 Focus

Materials/Resources Needed \_\_\_\_\_

- \_\_\_\_\_ 5-Minute Check 14-6, *TWE*, p. 575
- \_\_\_\_\_ 5-Minute Check Transparencies with Standardized Test Practice, Lesson 14-6
- \_\_\_\_\_ Bellringer, *TWE*, p. 575
- \_\_\_\_\_ TeacherWorks CD-ROM, Louisiana Edition
- \_\_\_\_\_ StudentWorks CD-ROM, Louisiana Edition
- \_\_\_\_\_ Interactive Student Edition CD-ROM
- \_\_\_\_\_ Quick Review Math Handbook, Sections 7-6, 7-7, 9-3

### 2 Teach

- \_\_\_\_\_ In-Class Examples, *TWE*, p. 576
- \_\_\_\_\_ *Teaching Mathematics with Foldables™*, p. 70
- \_\_\_\_\_ Interactive Chalkboard CD-ROM, Lesson 14-6
- \_\_\_\_\_ Daily Intervention, *TWE*, p. 576
- \_\_\_\_\_ Study Guide and Intervention, *CRM*, p. 724
- \_\_\_\_\_ Study Guide and Intervention Workbook, p. 90
- \_\_\_\_\_ Reading to Learn Mathematics, *CRM*, p. 727
- \_\_\_\_\_ TeacherWorks CD-ROM, Louisiana Edition
- \_\_\_\_\_ Key Teaching Transparencies

### 3 Practice/Apply

- \_\_\_\_\_ Practice: Skills, *CRM*, pp. 725–726
- \_\_\_\_\_ Practice: Skills Workbook, p. 90
- \_\_\_\_\_ Practice: Word Problems Workbook, p. 90
- \_\_\_\_\_ Extra Practice, *SE*, p. 623
- \_\_\_\_\_ msmath1.net/extra\_examples/leap21
- \_\_\_\_\_ Skills Intervention, Skill 53
- \_\_\_\_\_ Calculator and Spreadsheet Masters, p. 60
- \_\_\_\_\_ Parent and Student Study Guide, Lesson 14-6
- \_\_\_\_\_ Real-Life Career Masters
- \_\_\_\_\_ Virtual Activities for Middle School Mathematics, Level 1
- \_\_\_\_\_ Answer Key Transparencies, Lesson 14-6
- \_\_\_\_\_ WebQuest, Projects, and Interdisciplinary Investigations, pp. 93–98
- \_\_\_\_\_ msmath1.net/webquest
- \_\_\_\_\_ Math Skills Maintenance, Skills 10, 17

#### Assignment Guide, pp. 577–578, SE

Exercises	
Basic	1–26 odd
Advanced	1–9 odd, 11–26
Alternate Assignment _____	

- \_\_\_\_\_ Family Letters & Activities, *CRM*, pp. ix–x
- \_\_\_\_\_ Solutions Manual
- \_\_\_\_\_ Louisiana Noteables™: Interactive Study Notebook with Foldables™, Lesson 14-6

### 4 Assess

- \_\_\_\_\_ Open-Ended Assessment, *TWE*, p. 578
- \_\_\_\_\_ Enrichment, *CRM*, p. 728
- \_\_\_\_\_ AnswerKey Maker CD-ROM
- \_\_\_\_\_ Assessment, Quiz, *CRM*, p. 744
- \_\_\_\_\_ msmath1.net/self\_check\_quiz/leap21

\_\_\_\_\_ Closing the Gap for Absent Students, pp. 28–29

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

# Review and Testing (pp. 579–583)



14

Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_

Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Days 13 & 14 of 14
Block 90-minute periods	Day 5 of 5

## Assess

- \_\_\_ Vocabulary and Concept Check, *SE*, p. 579
- \_\_\_ Portfolio Suggestion, *TWE*, p. 581
- \_\_\_ Vocabulary Test/Review, *CRM*, p. 742
- \_\_\_ Lesson-by-Lesson Review, *SE*, pp. 579–580
- \_\_\_ Practice Test, *SE*, p. 581
- \_\_\_ *Teaching Mathematics with Foldables™*, pp. 61, 62, 66, 68–70
- \_\_\_ Chapter 14 Tests, *CRM*, pp. 729–740
- \_\_\_ Extended Response Assessment, *CRM*, p. 741
- \_\_\_ Standardized Test Practice, *SE*, pp. 582–583
- \_\_\_ Standardized Test Practice, *CRM*, pp. 747–748
- \_\_\_ Cumulative Review, *CRM*, p. 746
- \_\_\_ *Vocabulary PuzzleMaker CD-ROM*
- \_\_\_ [msmath1.net/vocabulary\\_review](http://msmath1.net/vocabulary_review)
- \_\_\_ [msmath1.net/chapter\\_test/leap21](http://msmath1.net/chapter_test/leap21)
- \_\_\_ [msmath1.net/standardized\\_test/leap21](http://msmath1.net/standardized_test/leap21)
- \_\_\_ *Real Life Video and MindJogger Videoquizzes DVD*
- \_\_\_ Unit 6 Test/Review, *CRM*, pp. 749–750
- \_\_\_ Second Semester Test, *CRM*, pp. 751–753
- \_\_\_ Final Test, *CRM*, pp. 755–760
- \_\_\_  [LEAP 21 Intervention Transparencies, Grade 6](#)
- \_\_\_  [Mastering the LEAP 21: Diagnose, Prescribe, and Practice Workbook, Grade 6](#)

## Other Assessment Materials

- *ExamView Pro™ CD-ROM*
- [Mastering the LEAP 21 and GEE 21 CD-ROM](#)

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