

# Lesson Planning Guide (pp. 374–377)



**8-1**

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

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

Recommended Pacing	
Standard 45–50-minute periods	Day 1 of 12
Block 90-minute periods	Day 1 of 6

NCTM Standards
1, 5, 6, 7, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
N-1-M, D-3-M, D-5-M, D-6-M
Louisiana GLE
45

## Objective

\_\_\_ Find the probability of a simple event.

### 1 Focus

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

- \_\_\_ 5-Minute Check 8-1, *TWE*, p. 374
- \_\_\_ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 8-1
- \_\_\_ Bellringer, *TWE*, p. 374
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Interactive Student Edition CD-ROM*
- \_\_\_ *Quick Review Math Handbook*, Sections 4-5, 4-6

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, p. 375
- \_\_\_ *Teaching Mathematics with Foldables™*, p. 82
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 8-1
- \_\_\_ Daily Intervention, *TWE*, pp. 375, 376
- \_\_\_ Study Guide and Intervention, *CRM*, p. 445
- \_\_\_ *Study Guide and Intervention Workbook*, p. 59
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 448
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Key Teaching Transparencies*

### 3 Practice/Apply

- \_\_\_ Practice: Skills, *CRM*, pp. 446–447
- \_\_\_ *Practice: Skills Workbook*, p. 59
- \_\_\_ *Practice: Word Problems Workbook*, p. 59
- \_\_\_ Extra Practice, *SE*, p. 635
- \_\_\_ [msmath3.net/extra\\_examples/leap21](http://msmath3.net/extra_examples/leap21)
- \_\_\_ Differentiated Instruction, *TWE*, p. 375
- \_\_\_ *Skills Intervention*, Skill 77
- \_\_\_ *Parent and Student Study Guide*, Lesson 8-1
- \_\_\_ *Virtual Activities for Middle School Mathematics, Level 3*
- \_\_\_ *Answer Key Transparencies*, Lesson 8-1
- \_\_\_ *WebQuest, Projects, and Interdisciplinary Investigations*, pp. 55–60
- \_\_\_ *Math Skills Maintenance*, Skill 6
- \_\_\_ Family Letters & Activities, *CRM*, pp. ix–x

Assignment Guide, pp. 376–377, SE	
	Exercises
Basic	1–41 odd
Advanced	1–19 odd, 21–41
Alternate Assignment _____	
_____	

- \_\_\_ *Solutions Manual*
- \_\_\_ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 8-1

### 4 Assess

- \_\_\_ Open-Ended Assessment, *TWE*, p. 377
- \_\_\_ Enrichment, *CRM*, p. 449
- \_\_\_ Countdown to LEAP 21, *TWE*, p. LA32
- \_\_\_ *AnswerKey Maker CD-ROM*
- \_\_\_ [msmath3.net/self\\_check\\_quiz/leap21](http://msmath3.net/self_check_quiz/leap21)

\_\_\_ *Closing the Gap for Absent Students*, pp. 68–69

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

# Problem-Solving Strategy (pp. 378–379)



8-2a

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

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

Recommended Pacing	
Standard 45–50-minute periods	Day 2 of 12
Block 90-minute periods	Day 1 of 6

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

## Objective

\_\_\_\_ Solve problems by making an organized list.

### Getting Started

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

### Focus

\_\_\_\_ Bellringer, *TWE*, p. 378

### Teach

\_\_\_\_ *Glencoe Mathematics Classroom Manipulative Kit*

\_\_\_\_ In-Class Examples, *TWE*, p. 378

\_\_\_\_ Daily Intervention, *TWE*, p. 378

#### Assignment Guide, pp. 378–379, SE

All	1–14
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Alternate Assignment \_\_\_\_\_

### Assess

\_\_\_\_ Higher-Level Thinking, *TWE*, p. 379

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# Lesson Planning Guide (pp. 380–383)



**8-2**

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

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

Recommended Pacing	
Standard 45–50-minute periods	Day 3 of 12
Block 90-minute periods	Day 1 of 6

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

## Objective

\_\_\_ Count outcomes by using a tree diagram or the Fundamental Counting Principle.

### 1 Focus

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

- \_\_\_ 5-Minute Check 8-2, *TWE*, p. 380
- \_\_\_ 5-Minute Check Transparencies with Standardized Test Practice, Lesson 8-2
- \_\_\_ Bellringer, *TWE*, p. 380
- \_\_\_ TeacherWorks CD-ROM, Louisiana Edition
- \_\_\_ StudentWorks CD-ROM, Louisiana Edition
- \_\_\_ Interactive Student Edition CD-ROM
- \_\_\_ Quick Review Math Handbook, Section 4-5

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, p. 381
- \_\_\_ *Teaching Math with Manipulatives*, pp. 92–93
- \_\_\_ *Teaching Mathematics with Foldables™*, p. 82
- \_\_\_ Interactive Chalkboard CD-ROM, Lesson 8-2
- \_\_\_ Daily Intervention, *TWE*, p. 381
- \_\_\_ Study Guide and Intervention, *CRM*, p. 450
- \_\_\_ Study Guide and Intervention Workbook, p. 60
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 453
- \_\_\_ TeacherWorks CD-ROM, Louisiana Edition
- \_\_\_ Key Teaching Transparencies

### 3 Practice/Apply

- \_\_\_ Practice: Skills, *CRM*, pp. 451–452
- \_\_\_ Practice: Skills Workbook, p. 60
- \_\_\_ Practice: Word Problems Workbook, p. 60
- \_\_\_ Extra Practice, *SE*, p. 635
- \_\_\_ msmath3.net/extra\_examples/leap21
- \_\_\_ Differentiated Instruction, *TWE*, p. 381
- \_\_\_ Skills Intervention, Skill 76
- \_\_\_ Calculator and Spreadsheet Masters, p. 35
- \_\_\_ Parent and Student Study Guide, Lesson 8-2
- \_\_\_ Virtual Activities for Middle School Mathematics, Level 3
- \_\_\_ Answer Key Transparencies, Lesson 8-2
- \_\_\_ Family Letters & Activities, *CRM*, pp. ix–x
- \_\_\_ Solutions Manual

#### Assignment Guide, pp. 382–383, SE

Exercises	
Basic	1–35 odd
Advanced	1–19 odd, 21–35
Alternate Assignment _____	
_____	

- \_\_\_ Louisiana Noteables™: Interactive Study Notebook with Foldables™, Lesson 8-2

### 4 Assess

- \_\_\_ Open-Ended Assessment, *TWE*, p. 383
- \_\_\_ Enrichment, *CRM*, p. 454
- \_\_\_ AnswerKey Maker CD-ROM
- \_\_\_ Assessment, Quiz, *CRM*, p. 495
- \_\_\_ msmath3.net/self\_check\_quiz/leap21

\_\_\_ Closing the Gap for Absent Students, pp. 68–69

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# Lesson Planning Guide (pp. 384–387)



8-3

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

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

Recommended Pacing	
Standard 45–50-minute periods	Day 4 of 12
Block 90-minute periods	Day 2 of 6

NCTM Standards
1, 5, 6, 7, 8, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
D-4-M, D-5-M, D-6-M
Louisiana GLE
42

## Objective

\_\_\_ Find the number of permutations of objects.

### 1 Focus

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

- \_\_\_ 5-Minute Check 8-3, *TWE*, p. 384
- \_\_\_ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 8-3
- \_\_\_ Bellringer, *TWE*, p. 384
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Interactive Student Edition CD-ROM*
- \_\_\_ *Quick Review Math Handbook*, Section 4-5

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, p. 385
- \_\_\_ *Teaching Mathematics with Foldables™*, p. 81
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 8-3
- \_\_\_ [msmath3.net/data\\_update](http://msmath3.net/data_update)
- \_\_\_ Daily Intervention, *TWE*, pp. 385, 386
- \_\_\_ Study Guide and Intervention, *CRM*, p. 455
- \_\_\_ *Study Guide and Intervention Workbook*, p. 61
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 458
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Key Teaching Transparencies*

### 3 Practice/Apply

- \_\_\_ Practice: Skills, *CRM*, pp. 456–457
- \_\_\_ *Practice: Skills Workbook*, p. 61
- \_\_\_ *Practice: Word Problems Workbook*, p. 61
- \_\_\_ Extra Practice, *SE*, p. 636
- \_\_\_ [msmath3.net/extra\\_examples/leap21](http://msmath3.net/extra_examples/leap21)
- \_\_\_ Differentiated Instruction, *TWE*, p. 385
- \_\_\_ *Skills Intervention*, Skill 80
- \_\_\_ *Calculator and Spreadsheet Masters*, p. 36
- \_\_\_ *Parent and Student Study Guide*, Lesson 8-3
- \_\_\_ *Virtual Activities for Middle School Mathematics, Level 3*
- \_\_\_ *Answer Key Transparencies*, Lesson 8-3
- \_\_\_ *Math Skills Maintenance*, Skill 6
- \_\_\_ Family Letters & Activities, *CRM*, pp. ix–x

#### Assignment Guide, pp. 386–387, SE

Exercises	
Basic	1–45 odd
Advanced	1–25 odd, 27–46
Alternate Assignment _____	

- \_\_\_ *Solutions Manual*
- \_\_\_ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 8-3

### 4 Assess

- \_\_\_ Open-Ended Assessment, *TWE*, p. 387
- \_\_\_ Enrichment, *CRM*, p. 459
- \_\_\_ *AnswerKey Maker CD-ROM*
- \_\_\_ [msmath3.net/self\\_check\\_quiz/leap21](http://msmath3.net/self_check_quiz/leap21)

\_\_\_ *Closing the Gap for Absent Students*, pp. 68–69

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# Lesson Planning Guide (pp. 388–391)



**8-4**

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

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

Recommended Pacing	
Standard 45–50-minute periods	Day 5 of 12
Block 90-minute periods	Day 2 of 6

NCTM Standards
1, 5, 6, 7, 8, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
D-4-M, D-6-M
Louisiana GLE
43

## Objective

\_\_\_ Find the number of combinations of objects.

### 1 Focus

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

- \_\_\_ 5-Minute Check 8-4, *TWE*, p. 388
- \_\_\_ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 8-4
- \_\_\_ Bellringer, *TWE*, p. 388
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Interactive Student Edition CD-ROM*
- \_\_\_ *Quick Review Math Handbook*, Section 4-5

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, p. 389
- \_\_\_ *Teaching Mathematics with Foldables™*, p. 81
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 8-4
- \_\_\_ Daily Intervention, *TWE*, p. 389
- \_\_\_ Study Guide and Intervention, *CRM*, p. 460
- \_\_\_ *Study Guide and Intervention Workbook*, p. 62
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 463
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*

### 3 Practice/Apply

- \_\_\_ Practice: Skills, *CRM*, pp. 461–462
- \_\_\_ *Practice: Skills Workbook*, p. 62
- \_\_\_ *Practice: Word Problems Workbook*, p. 62
- \_\_\_ Extra Practice, *SE*, p. 636
- \_\_\_ [msmath3.net/extra\\_examples/leap21](http://msmath3.net/extra_examples/leap21)
- \_\_\_ Differentiated Instruction, *TWE*, p. 389
- \_\_\_ *Skills Intervention*, Skill 81
- \_\_\_ *Calculator and Spreadsheet Masters*, pp. 37, 38
- \_\_\_ *Parent and Student Study Guide*, Lesson 8-4
- \_\_\_ *Virtual Activities for Middle School Mathematics, Level 3*
- \_\_\_ *Answer Key Transparencies*, Lesson 8-4
- \_\_\_ *Math Skills Maintenance*, Skill 6
- \_\_\_ Family Letters & Activities, *CRM*, pp. ix–x

#### Assignment Guide, pp. 390–391, SE

Exercises	
Basic	1–43 odd
Advanced	1–27 odd, 29–44
Alternate Assignment _____	
_____	

- \_\_\_ *Solutions Manual*
- \_\_\_ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 8-4

### 4 Assess

- \_\_\_ Open-Ended Assessment, *TWE*, p. 391
- \_\_\_ Enrichment, *CRM*, p. 464
- \_\_\_ Assessment, Mid-Chapter Test, *CRM*, p. 497
- \_\_\_ *AnswerKey Maker CD-ROM*
- \_\_\_ Assessment, Quiz, *CRM*, p. 495
- \_\_\_ [msmath3.net/self\\_check\\_quiz/leap21](http://msmath3.net/self_check_quiz/leap21)

\_\_\_ *Closing the Gap for Absent Students*, pp. 68–69

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# Hands-On Lab (pp. 392–395)



**8-4b**

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

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

Recommended Pacing	
Standard 45–50-minute periods	Day 6 of 12
Block 90-minute periods	Day 3 of 6

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

## Objective

\_\_\_\_ Identify patterns in Pascal's Triangle.

### Getting Started

Materials/Resources Needed paper, pencil

### Focus

### Teach

- \_\_\_\_ *Teaching Math with Manipulatives*, p. 94
- \_\_\_\_ *Overhead Manipulative Resources*
- \_\_\_\_ *Glencoe Mathematics Classroom Manipulative Kit*
- \_\_\_\_ *Glencoe Mathematics Student Manipulative Kit*
- \_\_\_\_ *The Game Zone, SE*, p. 395

#### Assignment Guide, pp. 392–393, SE

All	1–9
Alternate Assignment _____	

### Assess

- \_\_\_\_ Mid-Chapter Practice Test, *SE*, p. 394

# Lesson Planning Guide (pp. 396–399)



8-5

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

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

Recommended Pacing	
Standard 45–50-minute periods	Day 7 of 12
Block 90-minute periods	Day 3 of 6

NCTM Standards
1, 5, 6, 7, 8, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
D-4-M, D-5-M, D-6-M
Louisiana GLE
45

## Objective

\_\_\_ Find the probability of independent and dependent events.

### 1 Focus

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

- \_\_\_ 5-Minute Check 8-5, *TWE*, p. 396
- \_\_\_ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 8-5
- \_\_\_ Bellringer, *TWE*, p. 396
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Interactive Student Edition CD-ROM*
- \_\_\_ *Quick Review Math Handbook*, Section 4-6

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, p. 397
- \_\_\_ *Teaching Mathematics with Foldables™*, p. 82
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 8-5
- \_\_\_ [msmath3.net/careers](http://msmath3.net/careers)
- \_\_\_ [msmath3.net/data\\_update](http://msmath3.net/data_update)
- \_\_\_ Daily Intervention, *TWE*, pp. 397, 398
- \_\_\_ Study Guide and Intervention, *CRM*, p. 465
- \_\_\_ *Study Guide and Intervention Workbook*, p. 63
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 468
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Key Teaching Transparencies*

### 3 Practice/Apply

- \_\_\_ Practice: Skills, *CRM*, pp. 466–467
- \_\_\_ *Practice: Skills Workbook*, p. 63
- \_\_\_ *Practice: Word Problems Workbook*, p. 63
- \_\_\_ Extra Practice, *SE*, p. 636
- \_\_\_ [msmath3.net/extra\\_examples/leap21](http://msmath3.net/extra_examples/leap21)
- \_\_\_ *Skills Intervention*, Skill 77
- \_\_\_ *Parent and Student Study Guide*, Lesson 8-5
- \_\_\_ *Virtual Activities for Middle School Mathematics, Level 3*
- \_\_\_ *Answer Key Transparencies*, Lesson 8-5
- \_\_\_ *MathPASS Tutorial CD-ROM*, Lesson 41
- \_\_\_ *Math Skills Maintenance*, Skills 6, 20
- \_\_\_ Family Letters & Activities, *CRM*, pp. ix–x
- \_\_\_ *Solutions Manual*

#### Assignment Guide, pp. 398–399, SE

Exercises	
Basic	1–37 odd
Advanced	1–21 odd, 23–38
Alternate Assignment _____	
_____	

- \_\_\_ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 8-5

### 4 Assess

- \_\_\_ Higher-Level Thinking, *TWE*, p. 399
- \_\_\_ Enrichment, *CRM*, p. 469
- \_\_\_ *AnswerKey Maker CD-ROM*
- \_\_\_ [msmath3.net/self\\_check\\_quiz/leap21](http://msmath3.net/self_check_quiz/leap21)

\_\_\_ *Closing the Gap for Absent Students*, pp. 68–69

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# Lesson Planning Guide (pp. 400–403)



8-6

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

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

Recommended Pacing	
Standard 45–50-minute periods	Day 8 of 12
Block 90-minute periods	Day 4 of 6

NCTM Standards
1, 2, 5, 6, 7, 8, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
D-4-M, D-5-M, D-6-M, P-3-M
Louisiana GLE
44

## Objective

\_\_\_ Find experimental probability.

### 1 Focus

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

- \_\_\_ 5-Minute Check 8-6, *TWE*, p. 400
- \_\_\_ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 8-6
- \_\_\_ Bellringer, *TWE*, p. 400
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Interactive Student Edition CD-ROM*
- \_\_\_ *Quick Review Math Handbook*, Sections 4-6, 9-2

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, p. 401
- \_\_\_ *Teaching Math with Manipulatives*, pp. 95, 96–97
- \_\_\_ *Teaching Mathematics with Foldables™*, p. 82
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 8-6
- \_\_\_ [msmath3.net/careers](http://msmath3.net/careers)
- \_\_\_ Daily Intervention, *TWE*, p. 400
- \_\_\_ Study Guide and Intervention, *CRM*, p. 470
- \_\_\_ *Study Guide and Intervention Workbook*, p. 64
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 473
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Key Teaching Transparencies*

### 3 Practice/Apply

- \_\_\_ Practice: Skills, *CRM*, pp. 471–472
- \_\_\_ *Practice: Skills Workbook*, p. 64
- \_\_\_ *Practice: Word Problems Workbook*, p. 64
- \_\_\_ Extra Practice, *SE*, p. 637
- \_\_\_ [msmath3.net/extra\\_examples/leap21](http://msmath3.net/extra_examples/leap21)
- \_\_\_ *Skills Intervention*, Skill 77
- \_\_\_ *Parent and Student Study Guide*, Lesson 8-6
- \_\_\_ *Virtual Activities for Middle School Mathematics, Level 3*
- \_\_\_ *Answer Key Transparencies*, Lesson 8-6
- \_\_\_ *Math Skills Maintenance*, Skills 5, 6, 20
- \_\_\_ Family Letters & Activities, *CRM*, pp. ix–x
- \_\_\_ *Solutions Manual*

#### Assignment Guide, pp. 402–403, SE

Exercises	
Basic	1–31 odd
Advanced	1–9 odd, 10–31
Alternate Assignment _____	

- \_\_\_ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 8-6

### 4 Assess

- \_\_\_ Higher-Level Thinking, *TWE*, p. 403
- \_\_\_ Enrichment, *CRM*, p. 474
- \_\_\_ *AnswerKey Maker CD-ROM*
- \_\_\_ Assessment, Quiz, *CRM*, p. 496
- \_\_\_ [msmath3.net/self\\_check\\_quiz/leap21](http://msmath3.net/self_check_quiz/leap21)

\_\_\_ *Closing the Gap for Absent Students*, pp. 68–69

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# Graphing Calculator Investigation (pp. 404–405)



**8-6b**

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

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

Recommended Pacing	
Standard 45–50-minute periods	Day 9 of 12
Block 90-minute periods	Day 4 of 6

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

## Objective

Use a graphing calculator to simulate probability experiments.

### Getting Started

Materials/Resources Needed graphing calculator, paper, pencil

### Teach

msmath3.net/other\_calculator\_keystrokes

Assignment Guide, p. 405, SE	
All	1–9
Alternate Assignment _____	

### Assess

# Lesson Planning Guide (pp. 406–409)



8-7

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

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

Recommended Pacing	
Standard 45–50-minute periods	Day 10 of 12
Block 90-minute periods	Day 5 of 6

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

## Objective

\_\_\_ Predict the actions of a larger group by using a sample.

### 1 Focus

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

- \_\_\_ 5-Minute Check 8-7, *TWE*, p. 406
- \_\_\_ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 8-7
- \_\_\_ Bellringer, *TWE*, p. 406
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Interactive Student Edition CD-ROM*
- \_\_\_ *Quick Review Math Handbook*, Sections 4-1, 4-6

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, p. 407
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 8-7
- \_\_\_ Daily Intervention, *TWE*, p. 407
- \_\_\_ Study Guide and Intervention, *CRM*, p. 475
- \_\_\_ *Study Guide and Intervention Workbook*, p. 65
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 478
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Key Teaching Transparencies*

### 3 Practice/Apply

- \_\_\_ Practice: Skills, *CRM*, pp. 476–477
- \_\_\_ *Practice: Skills Workbook*, p. 65
- \_\_\_ *Practice: Word Problems Workbook*, p. 65
- \_\_\_ Extra Practice, *SE*, p. 637
- \_\_\_ [msmath3.net/extra\\_examples/leap21](http://msmath3.net/extra_examples/leap21)
- \_\_\_ *Parent and Student Study Guide*, Lesson 8-7
- \_\_\_ *Real-Life Career Masters*
- \_\_\_ *Virtual Activities for Middle School Mathematics, Level 3*
- \_\_\_ *Answer Key Transparencies*, Lesson 8-7
- \_\_\_ *WebQuest, Projects, and Interdisciplinary Investigations*, pp. 55–60
- \_\_\_ *Math Skills Maintenance*, Skill 10
- \_\_\_ Family Letters & Activities, *CRM*, pp. ix–x

#### Assignment Guide, pp. 408–409, *SE*

Exercises	
Basic	1–25 odd
Advanced	1–11 odd, 13–26
Alternate Assignment _____	
_____	

- \_\_\_ *Solutions Manual*
- \_\_\_ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 8-7

### 4 Assess

- \_\_\_ Open-Ended Assessment, *TWE*, p. 409
- \_\_\_ Enrichment, *CRM*, p. 479
- \_\_\_ *AnswerKey Maker CD-ROM*
- \_\_\_ Assessment, Quiz, *CRM*, p. 496
- \_\_\_ [msmath3.net/self\\_check\\_quiz/leap21](http://msmath3.net/self_check_quiz/leap21)

\_\_\_ *Closing the Gap for Absent Students*, pp. 68–69

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# Review and Testing (pp. 410–415)



8

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

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

Recommended Pacing	
Standard 45–50-minute periods	Days 11 & 12 of 12
Block 90-minute periods	Day 6 of 6

## Assess

- \_\_\_ Vocabulary and Concept Check, *SE*, p. 410
- \_\_\_ Portfolio Suggestion, *TWE*, p. 413
- \_\_\_ Vocabulary Test/Review, *CRM*, p. 494
- \_\_\_ Lesson-by-Lesson Review, *SE*, pp. 410–412
- \_\_\_ Practice Test, *SE*, p. 413
- \_\_\_ *Teaching Mathematics with Foldables™*, pp. 81, 82
- \_\_\_ Chapter 8 Tests, *CRM*, pp. 481–492
- \_\_\_ Extended Response Assessment, *CRM*, p. 493
- \_\_\_ Standardized Test Practice, *SE*, pp. 414–415
- \_\_\_ Standardized Test Practice, *CRM*, pp. 499–500
- \_\_\_ Cumulative Review, *CRM*, p. 498
- \_\_\_ *Vocabulary PuzzleMaker CD-ROM*
- \_\_\_ [msmath3.net/vocabulary\\_review](http://msmath3.net/vocabulary_review)
- \_\_\_ [msmath3.net/chapter\\_test/leap21](http://msmath3.net/chapter_test/leap21)
- \_\_\_ [msmath3.net/standardized\\_test/leap21](http://msmath3.net/standardized_test/leap21)
- \_\_\_ *Real Life Video and MindJogger Videoquizzes DVD*
- \_\_\_  [LEAP 21 Intervention Transparencies, Grade 8](#)
- \_\_\_  [Mastering the LEAP 21: Diagnose, Prescribe, and Practice Workbook, Grade 8](#)

## Other Assessment Materials

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