

Hands-On Lab (pp. 426–427)



11-1a

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

| Recommended Pacing | |
|-------------------------------|-------------|
| Standard 45–50-minute periods | Day 1 of 11 |
| Block 90-minute periods | Day 1 of 5 |

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

Objective

____ Explore experimental probability by conducting a simulation.

Getting Started

Materials/Resources Needed two-colored counters, cups, spinner

Focus

Teach

____ *Teaching Math with Manipulatives*, p. 99

____ *Overhead Manipulative Resources*

____ *Glencoe Mathematics Classroom*

Manipulative Kit

____ *Glencoe Mathematics Student*

Manipulative Kit

Assignment Guide, p. 427, SE

All | 1–2

Alternate Assignment _____

Assess

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

Lesson Planning Guide (pp. 428–431)



11-1

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

| Recommended Pacing | |
|-------------------------------|-------------|
| Standard 45–50-minute periods | Day 2 of 11 |
| Block 90-minute periods | Day 1 of 5 |

| NCTM Standards |
|--|
| 1, 2, 5, 6, 7, 9, 10 |
| Louisiana Mathematics Framework, Grades 5–8 Benchmarks |
| D-4-M, D-5-M, D-6-M |
| Louisiana GLE |
| 35, 36 |

Objective

Find and interpret the theoretical probability of an event.

1 Focus

Materials/Resources Needed _____

- _____ 5-Minute Check 11-1, *TWE*, p. 428
- _____ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 11-1
- _____ Bellringer, *TWE*, p. 428
- _____ *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. 429
- _____ *Teaching Math with Manipulatives*, pp. 100–101
- _____ *Teaching Mathematics with Foldables™*, p. 82
- _____ *Interactive Chalkboard CD-ROM*, Lesson 11-1
- _____ Daily Intervention, *TWE*, pp. 429, 430
- _____ Study Guide and Intervention, *CRM*, p. 551
- _____ *Study Guide and Intervention Workbook*, p. 68
- _____ Reading to Learn Mathematics, *CRM*, p. 554
- _____ *TeacherWorks CD-ROM, Louisiana Edition*
- _____ *Key Teaching Transparencies*

3 Practice/Apply

- _____ Practice: Skills, *CRM*, pp. 552–553
- _____ *Practice: Skills Workbook*, p. 68
- _____ *Practice: Word Problems Workbook*, p. 68
- _____ Extra Practice, *SE*, p. 616
- _____ msmath1.net/extra_examples/leap21
- _____ Differentiated Instruction, *TWE*, p. 429
- _____ *Skills Intervention*, Skill 77
- _____ *Parent and Student Study Guide*, Lesson 11-1
- _____ *Virtual Activities for Middle School Mathematics, Level 1*
- _____ *Answer Key Transparencies*, Lesson 11-1
- _____ *WebQuest, Projects, and Interdisciplinary Investigations*, pp. 75–80
- _____ *Math Skills Maintenance*, Skills 22, 25
- _____ Family Letters & Activities, *CRM*, pp. ix–x

| Assignment Guide, pp. 430–431, SE | |
|-----------------------------------|-----------------|
| | Exercises |
| Basic | 1–45 odd |
| Advanced | 1–23 odd, 25–46 |
| Alternate Assignment _____ | |

- _____ *Solutions Manual*
- _____ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 11-1

4 Assess

- _____ Higher-Level Thinking, *TWE*, p. 430
- _____ Enrichment, *CRM*, p. 555
- _____ *AnswerKey Maker CD-ROM*
- _____ msmath1.net/self_check_quiz/leap21

_____ *Closing the Gap for Absent Students*, pp. 22–23

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

Hands-On Lab (p. 432)



11-1b

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

| Recommended Pacing | |
|-------------------------------|-------------|
| Standard 45–50-minute periods | Day 3 of 11 |
| Block 90-minute periods | Day 1 of 5 |

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

Objective

____ Compare experimental probability with theoretical probability.

Getting Started

Materials/Resources Needed number cubes

Focus

Teach

- ____ *Teaching Math with Manipulatives*, pp. 102–103
- ____ *Overhead Manipulative Resources*
- ____ *Glencoe Mathematics Classroom Manipulative Kit*
- ____ *Glencoe Mathematics Student Manipulative Kit*

| Assignment Guide, p. 432, SE | |
|------------------------------|-----|
| All | 1–4 |
| Alternate Assignment _____ | |

Assess

Lesson Planning Guide (pp. 433–436)



11-2

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

| Recommended Pacing | |
|-------------------------------|-------------|
| Standard 45–50-minute periods | Day 4 of 11 |
| Block 90-minute periods | Day 2 of 5 |

| NCTM Standards |
|--|
| 1, 2, 5, 6, 7, 9, 10 |
| Louisiana Mathematics Framework, Grades 5–8 Benchmarks |
| D-4-M, D-5-M, D-6-M |
| Louisiana GLE |
| 34 |

Objective

___ Find outcomes using lists, tree diagrams, and combinations.

1 Focus

Materials/Resources Needed _____

- ___ 5-Minute Check 11-2, *TWE*, p. 433
- ___ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 11-2
- ___ Bellringer, *TWE*, p. 433
- ___ *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. 434
- ___ *Teaching Mathematics with Foldables™*, p. 82
- ___ *Interactive Chalkboard CD-ROM*, Lesson 11-2
- ___ Daily Intervention, *TWE*, p. 433
- ___ Study Guide and Intervention, *CRM*, p. 556
- ___ *Study Guide and Intervention Workbook*, p. 69
- ___ Reading to Learn Mathematics, *CRM*, p. 559
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *Key Teaching Transparencies*

3 Practice/Apply

- ___ Practice: Skills, *CRM*, pp. 557–558
- ___ *Practice: Skills Workbook*, p. 69
- ___ *Practice: Word Problems Workbook*, p. 69
- ___ Extra Practice, *SE*, p. 616
- ___ msmath1.net/extra_examples/leap21
- ___ Differentiated Instruction, *TWE*, p. 433
- ___ *Skills Intervention*, Skill 76
- ___ *Calculator and Spreadsheet Masters*, p. 47
- ___ *Parent and Student Study Guide*, Lesson 11-2
- ___ *Virtual Activities for Middle School Mathematics, Level 1*
- ___ *Answer Key Transparencies*, Lesson 11-2
- ___ *Math Skills Maintenance*, Skill 25
- ___ Family Letters & Activities, *CRM*, pp. ix–x

| Assignment Guide, pp. 435–436, SE | |
|-----------------------------------|-----------------|
| | Exercises |
| Basic | 1–33 odd |
| Advanced | 1–11 odd, 13–33 |
| Alternate Assignment _____ | |
| _____ | |

- ___ *Solutions Manual*
- ___ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 11-2

4 Assess

- ___ Higher-Level Thinking, *TWE*, p. 436
- ___ Enrichment, *CRM*, p. 560
- ___ *AnswerKey Maker CD-ROM*
- ___ Assessment, Quiz, *CRM*, p. 591
- ___ msmath1.net/self_check_quiz/leap21

___ *Closing the Gap for Absent Students*, pp. 22–23

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

Hands-On Lab (p. 437)



11-3a

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

| Recommended Pacing | |
|-------------------------------|-------------|
| Standard 45–50-minute periods | Day 5 of 11 |
| Block 90-minute periods | Day 2 of 5 |

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

Objective

___ Determine whether a group is biased.

Getting Started

Materials/Resources Needed _____

Focus

Teach

___ *Teaching Math with Manipulatives*, p. 104

___ *Overhead Manipulative Resources*

___ *Glencoe Mathematics Classroom*

Manipulative Kit

___ *Glencoe Mathematics Student*

Manipulative Kit

Assignment Guide, p. 437, SE

| | |
|----------------------------|-----|
| All | 1–7 |
| Alternate Assignment _____ | |

Assess

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

Lesson Planning Guide (pp. 438–443)



11-3

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

| Recommended Pacing | |
|-------------------------------|-------------|
| Standard 45–50-minute periods | Day 6 of 11 |
| Block 90-minute periods | Day 2 of 5 |

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

Objective

___ Predict the actions of a larger group using a sample.

1 Focus

Materials/Resources Needed _____

- ___ 5-Minute Check 11-3, *TWE*, p. 438
- ___ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 11-3
- ___ Bellringer, *TWE*, p. 438
- ___ *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. 439
- ___ *Teaching Mathematics with Foldables™*, p. 82
- ___ *Interactive Chalkboard CD-ROM*, Lesson 11-3
- ___ msmath1.net/careers
- ___ msmath1.net/data_update
- ___ Daily Intervention, *TWE*, pp. 438, 440
- ___ Study Guide and Intervention, *CRM*, p. 561
- ___ *Study Guide and Intervention Workbook*, p. 70
- ___ Reading to Learn Mathematics, *CRM*, p. 564
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *Key Teaching Transparencies*

3 Practice/Apply

- ___ Practice: Skills, *CRM*, pp. 562–563
- ___ *Practice: Skills Workbook*, p. 70
- ___ *Practice: Word Problems Workbook*, p. 70
- ___ Extra Practice, *SE*, p. 617
- ___ msmath1.net/extra_examples/leap21
- ___ *Calculator and Spreadsheet Masters*, p. 48
- ___ *Parent and Student Study Guide*, Lesson 11-3
- ___ *Real-Life Career Masters*
- ___ *Virtual Activities for Middle School Mathematics, Level 1*
- ___ *Answer Key Transparencies*, Lesson 11-3
- ___ The Game Zone, *SE*, p. 443
- ___ *Math Skills Maintenance*, Skill 25
- ___ Family Letters & Activities, *CRM*, pp. ix–x

Assignment Guide, pp. 440–441, SE

| Exercises | |
|----------------------------|---------------|
| Basic | 1–25 odd |
| Advanced | 1–5 odd, 7–26 |
| Alternate Assignment _____ | |

- ___ *Solutions Manual*
- ___ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 11-3

4 Assess

- ___ Open-Ended Assessment, *TWE*, p. 441
- ___ Enrichment, *CRM*, p. 565
- ___ Assessment, Mid-Chapter Test, *CRM*, p. 593
- ___ Mid-Chapter Practice Test, *SE*, p. 442
- ___ *AnswerKey Maker CD-ROM*
- ___ Assessment, Quiz, *CRM*, p. 591
- ___ msmath1.net/self_check_quiz/leap21

___ *Closing the Gap for Absent Students*, pp. 22–23

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Lesson Planning Guide (pp. 444–447)



11-4

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

| Recommended Pacing | |
|-------------------------------|-------------|
| Standard 45–50-minute periods | Day 7 of 11 |
| Block 90-minute periods | Day 3 of 5 |

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

Objective

Find probability using area models.

1 Focus

Materials/Resources Needed _____

- _____ 5-Minute Check 11-4, *TWE*, p. 444
- _____ 5-Minute Check Transparencies with *Standardized Test Practice*, Lesson 11-4
- _____ Bellringer, *TWE*, p. 444
- _____ *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. 445
- _____ *Teaching Math with Manipulatives*, p. 105
- _____ *Teaching Mathematics with Foldables™*, p. 82
- _____ *Interactive Chalkboard CD-ROM*, Lesson 11-4
- _____ Daily Intervention, *TWE*, p. 445
- _____ Study Guide and Intervention, *CRM*, p. 566
- _____ *Study Guide and Intervention Workbook*, p. 71
- _____ Reading to Learn Mathematics, *CRM*, p. 569
- _____ *TeacherWorks CD-ROM, Louisiana Edition*
- _____ *Key Teaching Transparencies*

3 Practice/Apply

- _____ Practice: Skills, *CRM*, pp. 567–568
- _____ Practice: Skills Workbook, p. 71
- _____ Practice: Word Problems Workbook, p. 71
- _____ Extra Practice, *SE*, p. 617
- _____ msmath1.net/extra_examples/leap21
- _____ *Skills Intervention*, Skill 77
- _____ *Calculator and Spreadsheet Masters*, p. 49
- _____ *Parent and Student Study Guide*, Lesson 11-4
- _____ *Virtual Activities for Middle School Mathematics, Level 1*
- _____ Answer Key Transparencies, Lesson 11-4
- _____ *WebQuest, Projects, and Interdisciplinary Investigations*, pp. 75–80
- _____ *Math Skills Maintenance*, Skills 20, 25
- _____ Family Letters & Activities, *CRM*, pp. ix–x

Assignment Guide, pp. 446–447, SE

| Exercises | |
|----------------------------|----------------|
| Basic | 1–29 odd |
| Advanced | 1–9 odd, 11–29 |
| Alternate Assignment _____ | |
| _____ | |

- _____ *Solutions Manual*
- _____ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 11-4

4 Assess

- _____ Open-Ended Assessment, *TWE*, p. 447
- _____ Enrichment, *CRM*, p. 570
- _____ *AnswerKey Maker CD-ROM*
- _____ Assessment, Quiz, *CRM*, p. 592
- _____ msmath1.net/self_check_quiz/leap21

_____ *Closing the Gap for Absent Students*, pp. 22–23

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

Hands-On Lab (pp. 448–449)



11-5a

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

| Recommended Pacing | |
|-------------------------------|-------------|
| Standard 45–50-minute periods | Day 8 of 11 |
| Block 90-minute periods | Day 4 of 5 |

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

Objective

___ Solve problems by making a table.

Getting Started

Materials/Resources Needed _____

Focus

___ Bellringer, *TWE*, p. 448

Teach

___ *Glencoe Mathematics Classroom*

Manipulative Kit

___ In-Class Examples, *TWE*, p. 448

___ Daily Intervention, *TWE*, p. 448

| Assignment Guide, pp. 448–449, SE | |
|-----------------------------------|------|
| All | 1–15 |
| Alternate Assignment _____ | |

Assess

___ Open-Ended Assessment, *TWE*, p. 449

Lesson Planning Guide (pp. 450–453)



11-5

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

| Recommended Pacing | |
|-------------------------------|-------------|
| Standard 45–50-minute periods | Day 9 of 11 |
| Block 90-minute periods | Day 4 of 5 |

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

Objective

___ Find the probability of independent events.

1 Focus

Materials/Resources Needed _____

- ___ 5-Minute Check 11-5, *TWE*, p. 450
- ___ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 11-5
- ___ Bellringer, *TWE*, p. 450
- ___ *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. 451
- ___ *Teaching Mathematics with Foldables™*, p. 82
- ___ *Interactive Chalkboard CD-ROM*, Lesson 11-5
- ___ Daily Intervention, *TWE*, p. 451
- ___ Study Guide and Intervention, *CRM*, p. 571
- ___ *Study Guide and Intervention Workbook*, p. 72
- ___ Reading to Learn Mathematics, *CRM*, p. 574
- ___ *TeacherWorks CD-ROM, Louisiana Edition*

3 Practice/Apply

- ___ Practice: Skills, *CRM*, pp. 572–573
- ___ *Practice: Skills Workbook*, p. 72
- ___ *Practice: Word Problems Workbook*, p. 72
- ___ Extra Practice, *SE*, p. 617
- ___ msmath1.net/extra_examples/leap21
- ___ Differentiated Instruction, *TWE*, p. 451
- ___ *Skills Intervention*, Skill 77
- ___ *Calculator and Spreadsheet Masters*, p. 50
- ___ *Parent and Student Study Guide*, Lesson 11-5
- ___ *Virtual Activities for Middle School Mathematics, Level 1*
- ___ *Answer Key Transparencies*, Lesson 11-5
- ___ *WebQuest, Projects, and Interdisciplinary Investigations*, pp. 75–80
- ___ msmath1.net/webquest
- ___ *Math Skills Maintenance*, Skill 25

Assignment Guide, pp. 451–453, SE

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

- ___ Family Letters & Activities, *CRM*, pp. ix–x
- ___ *Solutions Manual*
- ___ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 11-5

4 Assess

- ___ Open-Ended Assessment, *TWE*, p. 453
- ___ Enrichment, *CRM*, p. 575
- ___ *AnswerKey Maker CD-ROM*
- ___ Assessment, Quiz, *CRM*, p. 592
- ___ msmath1.net/self_check_quiz/leap21

___ *Closing the Gap for Absent Students*, pp. 22–23

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Review and Testing (pp. 454–459)



11

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

| Recommended Pacing | |
|-------------------------------|--------------------|
| Standard 45–50-minute periods | Days 10 & 11 of 11 |
| Block 90-minute periods | Day 5 of 5 |

Assess

- ___ Vocabulary and Concept Check, *SE*, p. 454
- ___ Portfolio Suggestion, *TWE*, p. 457
- ___ Vocabulary Test/Review, *CRM*, p. 590
- ___ Lesson-by-Lesson Review, *SE*, pp. 454–456
- ___ Practice Test, *SE*, p. 457
- ___ *Teaching Mathematics with Foldables™*, p. 82
- ___ Chapter 11 Tests, *CRM*, pp. 577–588
- ___ Extended Response Assessment, *CRM*, p. 589
- ___ Standardized Test Practice, *SE*, pp. 458–459
- ___ Standardized Test Practice, *CRM*, pp. 595–596
- ___ Cumulative Review, *CRM*, p. 594
- ___ *Vocabulary PuzzleMaker CD-ROM*
- ___ msmath1.net/vocabulary_review
- ___ msmath1.net/chapter_test/leap21
- ___ msmath1.net/standardized_test/leap21
- ___ *Real Life Video and MindJogger Videoquizzes DVD*
- ___ Unit 5 Test/Review, *CRM*, pp. 597–598
- ___ [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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