

How Likely Is It? -- Unit Planning Overview 6th Grade

Investigations & Assessments	Days	Materials for Students	Materials for Teachers	Transparencies	ACE Questions	Copies for Students	Miscellaneous
1. A First Look at Chance <i>Read TE p. 13 a-e</i>	2	Calculators Pennies (1/student) Paper Cup (1/student) (optional)	Computer & the Coin Game program (see p.1g)	1.1-1.2	1.1: #1-5, 15 1.2: #6-14	Labsheets 1.1A and 1.1B, p. 90-91	
2 More Experiments with Chances <i>Read TE p. 21 a-c</i>	2	Calculators Large & Small marshmallows Pennies (3/group)		2.1-2.2	2.1: #1, 2, 4, 14-16 2.2: #3, 5-13, 17		
3 Using Spinners to Predict Chance <i>Read TE p. 28 a-c</i>	2	Calculators Bobby pins or paper clips (1/group)		3.1 Transparency of Labsheet 3.1	3.1: #1-12	Labsheet 3.1 (1/group) Labsheet 3.ACE	
Quiz	1					p. 69-70	Answers on p. 81 Guide to the Quiz, p.85-88 See preparation notes on p.66
Check-Up 1	1					Check-up 1, p. 67-68	
4. Theoretical Probabilities <i>Read TE p. 41 a-e</i>	3	Calculators Opaque containers with Red, Yellow, and Blue Blocks (see p.28d)	Opaque containers Red, Yellow, and Blue Blocks (see p.28d)	4.1-4.3	4.1: #1, 2, 4 4.2: #3, 5, 6, 10 4.3: #7-9		
5. Analyzing Games of Chance <i>Read TE 48 a-e</i>	2	Calculators Number Cubes Game Markers	Number Cards Game Markers	5.1, Transparency of Labsheet 5.1	5.1: #1-18 5.1: 2 nd day Reflections p.48	Labsheet 5.1 (1/pair)	
6. More About Games of Chance <i>Read TE p. 56 a-c</i>	2	Calculators Materials to stimulate the contest (see p.48f)	Scratch-off Lottery Ticket (optional)	6.1	6.1: #1-8 6.1: 2 nd day #9-11		
7. Probability and Genetics <i>Read TE p. 64 a-d</i>	3	Calculators		7.1-7.2	7.1: #7, 8a-b 7.2: #1-6, 9		
Check-Up 2	½					Check-up 2 p.71-72	Answers on p. 81
Self-Assessment	Take Home					Self-Assessment p.79	
Unit Test	1					Unit Test, p. 74-77	Answers on p. 83-84 See preparation notes on p.66