

Clever Counting -- Unit Planning Overview 8th Grade

Investigations & Assessments	Days	Materials for Students	Materials for Teachers	Transparencies	ACE Questions	Copies for Students	Miscellaneous
1. Counting Possibilities	3	Graphing Calculators Large sheets of newsprint		1.1-1.2	1.1: #1, 2, 4 1.2: #3, 5-10		Have transparency for answer prepared before correcting ACE 14b-f.
2. Opening Locks	4	Graphing Calculators	Combination lock (optional)	2.1-2.3	2.1: #1, 8-10 2.2: #2-4 2.3: #5-7		
Check -Up 1	1					p. 60-61	Answers, p.72
3. Networks	3	Graphing Calculators Large Sheets of newsprint		3.1A-3.3B	3.1: #1 3.2: #3, 4, 10 3.3: #2, 5, 6		May want to bring in NBA tournament structure for added interest.
4. Deciding Whether Order is Important	2	Graphing Calculators	Set of dominoes (optional)	4.1A-4.2	4.1: #5, 9-13 4.2: #3, 4, 6, 8		
5. Wrapping Things Up	1	Graphing Calculators		5.1	5.1: Choose to fit student needs		
Self Assessment	1						Answers on p. 76
Unit Project	1	Cuisenaire Rods (optional)				Labsheet unit project	Two options for a unit project are offered (p. 57-58). The first is very creative the second is number oriented.