Introduction:

**Grade/Course:** 9_12 | Discrete Mathematics  
**Unit Number and Title:** Probability  
**Suggested Unit Pacing (if of days):** 7 days

**Mathematical Practices**
- P1 Make sense of problems and persevere in solving them.
- P2 Reason abstractly and quantitatively.
- P3 Construct viable arguments and critique the reasoning of others.
- P4 Model with mathematics.
- P5 Use appropriate tools strategically.
- P6 Attend to precision.
- P7 Look for and make use of structure.
- P8 Look for and express regularity in repeated reasoning.

### Essential Overviews

**Conceptual Overview**

**Terminology**

**Technology**

**Resources**

**Learning Plan**

**Essential Terminology**

**Literacy Integration**

**Technology Integration**

**Assessment**

**Summative**

**Instructional Sequence**

1- Counting principal  
2- Permutations and combinations  
3- Multiplying probabilities  
4- Adding probabilities  
5- 7experiments?  
6- Review  
7- Test

**Remediation**

**Enrichment**

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[http://thinkgate.net/nicalamance/fastsql_v2_direct.asp?ID=7266|docPreview&xID=512]  
7/12/2012