**Unit: 11 Probability and Statistics**

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| **Practice Packet:** **Permutations vs. Combinations****Mutually Exclusive Events****Independent and Dependent Events****Sample Spaces and The Counting Principle** | **Writing Task:**  * Explain the difference between independent events and dependent events.
* Explain why not replacing an object in a set of objects after drawing it out of that set affects the probability of a second draw.
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| **Game/Activity:** [**http://www.softschools.com/math/probability\_and\_statistics/**](http://www.softschools.com/math/probability_and_statistics/) | **Technology:**  Watch and summarize the following three videos <https://www.youtube.com/watch?v=uzkc-qNVoOk><https://www.youtube.com/watch?v=obZzOq_wSCg><https://www.youtube.com/watch?v=uhxtUt_-GyM&list=PL1328115D3D8A2566> |
| **Art/Music/Drama/etc.** :  Write an I am poem or a cinquain poem using 10-12 vocabulary words from the Probability and Statistics Unit |  |
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