**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. |
| **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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