AP Statistics Murder Mystery

The Secretary of AP Statistics, who was responsible for assigning all Greek letters to represent AP Statistics terms, was murdered last night. Because all students love the vast array of Greek letters used, we must solve this heinous crime! By working these AP Statistics review problems, you will solve a series of clues to determine the murder weapon, the location of the murder, and the identity of the murderer. The search has already been narrowed to three possible murder weapons, three possible locations, and three primary suspects. The list appears below

|  |  |  |
| --- | --- | --- |
| Murder Weapon | Murder Locations | Primary Suspects |
| Power Shock | The X-Bar Hall | The “fun-loving” senior |
| A Poison M&M | The Two-Tailed Tower | The Head Counselor |
| A Flying Gummi Bear | The Least-Squares Stable | The junior with the long big toe |

Progress through the clues to eliminate murder weapons, murder locations and suspects. When you think you have solved a clue, report to your instructor to receive the next clue. Try to be the first group to solve the murder!

The list of clue packets appears below. These do NOT need to be solved in order.

[Weapon of Choice](https://drive.google.com/file/d/0B5d3hejxvzMQR1BFVnFPS2hGRUk/view?usp=sharing)

[Who Dunnit?](https://drive.google.com/file/d/0B5d3hejxvzMQYlppNGlJS2NaZ3c/view?usp=sharing)

[Location, Location, Location](https://drive.google.com/file/d/0B5d3hejxvzMQb2kxS25SZEY0c0U/view?usp=sharing)

[Lethal Weapon](https://drive.google.com/file/d/0B5d3hejxvzMQMWttYlZPa3V3cXM/view?usp=sharing)

[The Scene at the Scene](https://drive.google.com/file/d/0B5d3hejxvzMQRHBVTTlLS3dLMHc/view?usp=sharing)

[The Usual Suspects](https://drive.google.com/file/d/0B5d3hejxvzMQN0JfZzlENTE3YkU/view?usp=sharing)

We Solved the Crime!

**The\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**(Fun-Loving Senior, Head Counselor, Junior with long big toe)**

**Did it with the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**(Power Shock, Poison M&Ms, Flying Gummi Bear)**

**At the\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**(X-Bar Hall, Two-Tailed Tower, Least Squares Stable)**

**Group member Names:**

**1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Date/time submitted:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**