ICM Statistics Video Project
Due Date: Thursday December 7th by 11:59pm

Panther Creek High School hires you as their new graduation consultant. They would like you to analyze behavioral aspects of the senior class in order to later determine the effect of those behaviors on the graduation rate. You will need data from *at least* 100 PCHS seniors. Suggested survey questions include but are not limited to the number of AP classes enrolled in, the number of colleges applied to, the number of PCHS extracurriculars involved in, etc. **Survey topics must be school appropriate and approved by the teacher.** Make an interesting video to compile your process and findings. You will be in predetermined groups of 3 to 4. Some in-class work time will be provided, however you and your group will need to meet outside of class time to complete this project. This project will count as a test grade.

Grading Rubric	Pts:
VIDEO FORMAT:	
Video Length is <u>exactly</u> between 3 minutes and 5 minutes	2
Each group member has a speaking part	2
Video has correct orientation and content is clearly visible to viewers	2
Each group member can be heard clearly	2
SUBMISSION OF PROJECT:	
Video is uploaded to YouTube	2
Privacy is set as "PUBLIC"	2
Link to video is in Google Sheet (located on Weebly under "Assignments")	2
A hard copy of <u>raw</u> collected data is turned in	4
EACH group member turns in a **PRINTED** 1 page (double spaced, 12pt TNR, 1" margins, header including <u>ONLY</u> your name- <u>no title</u>), **TYPED** reflection answering these questions: ● Specifically what did you do to contribute to the group project? ● What went well? ● Did your group run into any problems (with technology, with collecting data, with collaborating together, etc.)? ● What would you change about the project?	8
CONTENT:	
10 Vocabulary words from the unit are appropriately used and <u>explained</u> in the video (3 pts each)	30
Each of the following are included in video and thoroughly explained: ● Explanation of data collection sampling method (8 pts) ● All measures of central tendency (8 pts) ● All measures of spread (8 pts) ● Calculation for variance and standard deviation is shown using Microsoft Excel (8 pts) ● A neat, appropriate, computer-generated graphical representation of your data (8 pts) ● Show whether or not your data is normally distributed; explain (4 pts)	44

GRADE: _____/100pts

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