

Options for STANDARD ANALYSIS

Standard Analysis refers to the method you **select** to create a single performance level score from all the individual assessments of a single standard.

No Aggregation

If “No Aggregation” is selected, an overall score will not be calculated by Synergy. You will need to use your own method of analysis, and hand-enter the overall performance level during reporting periods.

Median

When using Median as your analysis tool, the overall performance level of the standard will be the “middle number” or score when all the evaluation scores a student has earned on a standard are ordered from lowest to highest. *For example, if a student has 11 scores for a specific standard, the overall performance level of the standard will be the sixth score earned when all the scores are organized from lowest to highest.* 2 2 2 3 3 **3** 3 3 4 4 4

Mode

Mode calculates the overall performance level of a standard as the most commonly occurring score the student received on a standard.

Mean

This method calculates the average of all the scores a student receives on a single standard.

Last Score

This option records the last score a student has earned on a standard as the overall performance level for that standard.

Highest Score

This option records the highest score a student has earned on a standard as the overall performance level for that standard.

Power Law

Power law is a formula that weights the most recent and highest scores over those that are lower or occurred earlier in the term. If you need the formula...

$$y = mx^b \quad \text{where} \quad m = \frac{\Sigma xy - \left[\frac{\Sigma x \Sigma y}{N} \right]}{\Sigma x^2 - \left[\frac{(\Sigma x)^2}{N} \right]} \quad b = \frac{\Sigma y - m(\Sigma x)}{N}$$

Standard Analysis methods should be included in your syllabus.

From HSD “Common Syllabus Components Regarding Grading and Academic Reporting Practices”

Description of Item on the Syllabus

A Family Should Be Able To...

<p><i>The Grading Policy describes how the grade will be determined using a collection of evidence. For teachers utilizing a proficiency grade book, this should include how “proficiency” on the standards is determined and how a final grade is calculated.</i></p>	<p>Understand how grades will be calculated by the classroom teacher.</p>
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Sample:

Student work will be evaluated for performance on each standard addressed in an assignment, project, or exam. At each grading term, I will analyze each student’s overall work toward individual standards. The method used to evaluate overall performance on each standard is _____ . This means that _____ .