

Class Module Mastery Report

Overview

Purpose: To track individual learner progress against average learner progress for a certain assignment

Features: The Class Module Mastery Report provides the following information:

- A table that lists the following by individual learner:
 - Number of modules mastered
 - Percentage of modules mastered
 - Total time on task
 - Mean module mastery time

The table is subdivided into learners who are within or outside of one standard deviation of the average for the number of modules mastered.

- A summary box that shows the following information for all learners in the report:
 - Total number of modules
 - Total number of learners
 - Average number of modules mastered
 - Standard deviation of modules mastered
 - Average percentage of modules mastered



Remember...

Averages for this report include only the students in your class. If they are all working quickly or slowly, the average will reflect those outcomes.

Therefore, you might want to also track your students' progress against your expectations and against their individual study patterns.

Usage: To identify those learners who are falling behind average progress levels, those who are meeting the average, and those who exceed the average; comparing learner progress can help identify students who need to be moved forward and those who need help.

Generate: Weekly

Generating Your Class Module Mastery Report

Classroom Administration	Curriculum Planning	Reports
Courseware Reports	Assessment Reports	Grade Reports
System Reports	Learner Progress	Learner Daily Usage
	Class Usage Summary	Class Module Mastery
	Demographics Summary	

1. From the **Reports** drop-down list on your **Home** page, point to **Courseware Reports**.
2. Select **Class Module Mastery**.

3. Select a **School** and a **Class**; then click the **Look Up** button.
 4. In the **Look Up** box, choose **By Learning Path** or **By Assignment Name** in the **View Progress Report** box.
 - a. If you made assignments that together form a Learning Path, you can select **By Learning Path**.
 - i. Select one or more of the learning paths shown.
 - ii. Use the **Show** box to choose **Assignments with progress data**, **Assignments with no progress data**, or **All assignments**.
 - iii. Click **Go** in the **Look Up** box.
 - iv. Choose one or more assignment from the list.
 - b. If you selected **By Assignment Name**, a list of assignments will populate the box.
 - i. Use the **Show** box to choose **Assignments with progress data**, **Assignments with no progress data**, or **All Assignments**.
 - ii. Choose one or more assignment from the list.
- Note:** If you see the numbers 1, 2, etc. at the bottom of the **Look Up** box, you have more assignments on a subsequent page, which you can view by clicking the page numbers. If you want to **Select All**, be sure you are selecting the assignments that appear on subsequent pages.
5. Click the calendars to choose a **Date Range**; then click **OK** at the bottom of the **Look Up** box.
 6. On the initial field-selection page, select all the assignments in the **Assignments** box that you want to see; then click **Go** to see your report.

Note: To see data for more than one assignment, use the arrows below the main selection fields (see the red box) to move forward or back.



Did You Know?

- **Learning Path:** An entire PLATO Title or Course taken in the given sequence.
- **Assignment:** Either an entire PLATO Title or Course or any component thereof, taken in a sequence determined by the teacher.



Quick Tip

Viewing with or without Progress Data

If you view with **no progress data**, your results will include all assignments, regardless of whether students have started work on them (that is, whether or not the assignments have progress data).

If you choose **with progress data**, you will see information only about assignments with activities students have started or completed.

Understanding Your Class Module Mastery Report

Courseware Report: Class Module Mastery														
Display: By Learning Path														
School Name: School C														
Class Name: Math Class 3														
Assignment Name: PLATO Course Algebra 1, Semester A v2.0_11 1														
2 Name	3 Modules Mastered	4 % Modules Mastered	5 Total Time On Task	6 Mean Module Mastery Time										
<i>The following learners are within one standard deviation of the average for module mastery</i>														
Learner 1	12	16% 7	05:14:30	00:26:12										
Learner 2	9	12%	02:17:41	00:15:17										
Learner 3	9	12%	05:41:47	00:37:58										
Learner 4	18	24%	04:34:10	00:15:13										
Learner 5	13	18%	02:20:18	00:10:47										
<i>The following learners exceed the average for module mastery by at least one standard deviation</i>														
Learner 6	0	0% 8	01:32:37	00:00										
Learner 7	0	0%	00:00:00	00:00										
<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>Total No. of Modules</td> <td>74</td> </tr> <tr> <td>Total No. of Learners</td> <td>11</td> </tr> <tr> <td>9 Average No. of Modules Mastered</td> <td>5.55</td> </tr> <tr> <td>Standard Deviation of Modules Mastered</td> <td>6.76</td> </tr> <tr> <td>Average Percent of Modules Mastered</td> <td>7%</td> </tr> </table>					Total No. of Modules	74	Total No. of Learners	11	9 Average No. of Modules Mastered	5.55	Standard Deviation of Modules Mastered	6.76	Average Percent of Modules Mastered	7%
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Sample report

Report Key

- 1 Assignment Name:** The name of the assignment for which data is displayed in the report
- 2 Name:** The name of the learner
- 3 Modules Mastered:** The number of modules (or lessons) the learner has mastered in the assignment
- 4 % Modules Mastered:** The percentage of the total number of modules in an assignment that the learner has mastered
- 5 Total Time on Task:** The total amount of time the student has spent on the activities in the chosen assignment
- 6 Mean Module Mastery Time:** The total amount of time on task divided by the number of modules mastered, which indicates the average time the learner has worked on the assignment
- 7 First standard deviation label:** Breaks down the learners who are **within** one standard deviation of the number of modules mastered in this assignment

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- 8 Second standard deviation label:** Breaks down the learners who **exceed** the average number of modules mastered for this assignment by at least one standard deviation

Note: The data for all students significantly **below or above** the average for the group will be listed in the “exceeds average” section of the report.

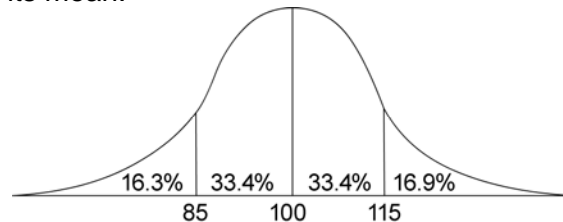
- 9 Summary of data for a class as a whole**

Total No. of Modules: The number of modules (lessons) in an assignment

Total No. of Learners: The number of learners associated with an assignment

Average No. of Modules Mastered: The average number of modules mastered by all the learners in the assignment

Standard Deviation of Modules Mastered: A number that shows how dispersed the data points are from the mean, specifically, the number that can be added or subtracted from the mean to exclude outliers and to define the middle group in a set of data, as shown in a typical bell curve (see diagram); typically, about two thirds of a set of data is within one standard deviation of its mean.



For this report, this number is used to break out students who are significantly above or below the average number of modules mastered for this assignment.

Average Percent of Modules Mastered: The average percentage of modules mastered by all the learners in the assignment

Getting the Most from Your Data

Use this report to monitor student progress against averages to the following ends:

- Identify students who might require placement adjustments should their problematic ranking persist.
- Identify students who are spending very little average time on task and therefore might be rushing through their work.
- Identify students who are taking too long to complete their activities.
- Check mastery test scores against time on task to see if a student needs to spend more time on a lesson.
- If a student is mastering the material quickly, consider moving him or her forward to more appropriately challenging lessons.
- Based on time spent on modules and the number of modules mastered, advise students on the best ways to manage their time.



Quick Tip

You can use the standard deviation breakdown and the **Mean Module Mastery Time** to see how quickly or slowly students are progressing on an assignment.

However, other information might be needed to decide if a student's pace is appropriate for his or her learning.