



***Symphony Math* Reporting System Demonstration Guide**

This guide explains how to demonstrate the *Symphony Math* Reporting System. To get started go to www.symphonylearning.com. Select Customer Login. Enter the login information for the demonstration account:

School Account #: Demo

Username: Demo

Password: Demo

Select the Reports tab at the top right of the screen. Let's look at each of the four reports. There are two Group Reports and two Individual Reports.

Usage Report

Under Group Reports set the Group of Students to "school" using the pull-down menu. Select the Usage Report button. Then click the Create Report button at the bottom of the box. The Usage Report will open in a new browser window.

The Usage Report shows usage data for all 12 students in the demonstration database. Most of the columns are self-explanatory. Software Version indicates whether that student is using the most recent version of the *Symphony Math* program or if they need their software to be updated. Percent Completed indicates the percent of the *Symphony Math* curriculum that has been mastered. Rate of Progress indicates how quickly a student is moving through the program. Zero or one star is slow progress while five stars is very fast progress. You can click on any of the columns to sort the data. For example, click on Total Time and the students will be organized by those that have used the program the least at the top of the page and those students that have used the program the most at the bottom of the page.

You can use the group selector at the top right of the page to look at students from a specific class or grade. If you select grade K you will see that those two students are making slower progress (few stars) and have so far completed very little of the program (0% and 2%).

Concepts Report

Let's close the browser window for the Usage Report and go back to the report selection page. Select Concepts Report from the Group Reports box and then press the Create Report button.

The Concepts Report shows student progress against the benchmarks of the National Council of Teachers of Mathematics Curriculum Focal Points. Solid green circles indicate that a concept has been mastered. An empty gray circle means that

a student has not yet worked on that concept. If you place your cursor over a circle a text box will appear that gives more detail on that concept.

At the top of the page set the group selector to kindergarten. You will see a comparison of the two kindergarten students in the database. Chase has mastered all of the pre-k concepts and is working his way through the kindergarten concepts. Alyssa had used Symphony Math for about the same amount of time as Chase, but she has not yet mastered the pre-school concepts. This shows the formative assessment capabilities of *Symphony Math*. A teacher can see that these two students from the same class possess different levels of math skills.

Student Progress Report

Let's close the browser window for the Concepts Report and go back to the report selection page. At the top of the Individual Reports box select "Leandra Jones" with the student pull-down menu. Select Student Progress Report and then press the Create Report button.

The Student Progress Report shows Leandra's progress through the program. The column on the left lists the major concepts in Symphony Math. The remaining five columns represent proficiency scores for each of the five *Symphony Math* activities. Leandra did quite well with the concepts of Equals, Greater, and Less for all five activities. She also did well with Addition in all of the activities except for Symbols and Auditory Statements. The Symbols and Auditory Statements activities include fluency tasks where Leandra must answer math fact questions in five seconds or less. Here, she is making progress but not as quickly as with the other concepts.

If we click on the "58%" we will see a Number Facts Detail Report for Symbols. On this report we can see that Leandra is having trouble with the number facts that involve adding a number to 10. If we click on the "60%" we can see a similar report for Auditory Statements. Here Leandra is having the same difficulty with adding a number to 10. Symphony Math will provide Leandra with the practice she needs to master these important number facts. The report also informs the teacher that additional classroom instruction can be focused on these concepts.

The Progress Over Time graph at the bottom of the page shows Leandra's rate of progress through *Symphony Math*. Notice that she used the program more frequently in October and November and made nice upward progress. In December and January she has used the program less frequently and is making slower progress. She is also having more trouble with the fluency of math facts than the previous concepts in the program.

Student Daily Performance Report

Let's close the browser window for the Student Progress Report and go back to the report selection page. At the top of the Individual Reports box select "Leandra Jones" with the student pull-down menu. Select Student Daily Performance Report and then press the Create Report button.

We can use the Daily Performance Report to document a student's daily activity with *Symphony Math* and also to further identify areas of difficulty. The report shows the date and length of each session as well as the performance for each concept and activity. The Overall columns show cumulative data for the entire use of the program. The Session columns show data for that specific session. The green and red circles indicate the proficiency for that session in the form of an easy to read icon.

Notice on Leandra's Student Daily Performance Report that the mostly green circles in the early sessions indicates that she is off to a good start. As you scroll down the page you will see that around November 15th she starts to have red circles appear more often. Many of these red circles are for the concept Missing Addend. You can scroll up to the top of the page and use the Concept Displayed selector to select Missing Addend. After the page reloads you will see that indeed Leandra has been having difficulty with Missing Addend problems. You can further narrow the data by setting the Activities Displayed pull down menu to Symbols. You will now see a mixture of red and green circles. If you look in the Overall Proficiency column you will see that Leandra is making slow but steady progress as her scores gradually increase from 2% up to 26%. *Symphony Math* will continue to emphasize Missing Addend problems until she obtains mastery.