

Frequently Used ALEKS Reports

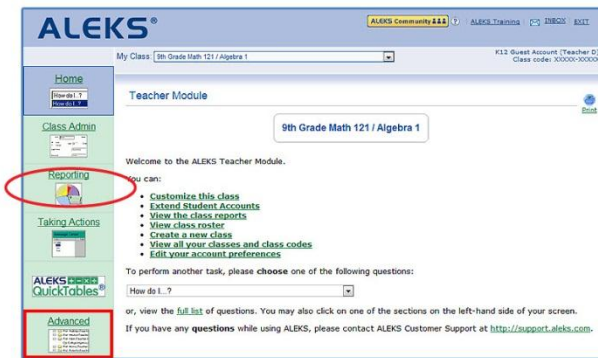
There are a variety of automated reports available to teachers in the Teacher Module. These dynamic reports will help teachers monitor student and class progress, direct student learning, and assign grades based on student usage and individual progress.

The reports included in this document are those most frequently used by K-12 educators. For each report listed below, you will learn how to locate it within the Basic and Advanced Teacher Modules, get an overview of what the report covers, and learn how to use the report in your classroom.

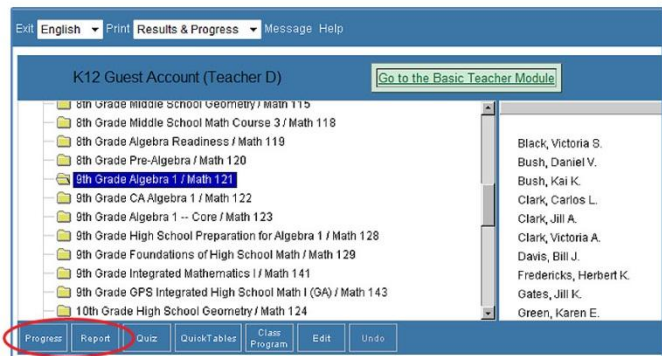
1. **ALEKS Pie Chart Report (Class Level)** identifies what each student knows, doesn't know, and is ready to learn
2. **Time and Topic Report** tracks student time spent working in ALEKS and daily progress
3. **Progress Bar Report: Learning Progress Since Latest Assessment** displays current student mastery
4. **State Standards Report** shows class and individual student mastery of the state standards and Common Core State Standards (if adopted by the state)
5. **ALEKS Pie Chart Report (Individual Level)** provides progress data for a single student in one report with support for an IEP

For more information on these reports and the other features available in the Teacher Module, please visit the ALEKS K-12 Training Center at http://www.aleks.com/k12/training_center or contact a Technical Sales Support Specialist at tss@aleks.com.

Basic Teacher Module



Advanced Teacher Module



1. ALEKS Pie Chart Report (Class Level)

Location in Basic Module: Select the Reporting box and then click on the “Class” link below the ALEKS Pie icon.

Location in Advanced Module: First select the course, then click on the “Report” button and select the “ALEKS Report” tab.

Available Display Modes include:

- **Current Learning:** shows data based on the most recent progress in Learning Mode
- **Most Recent Assessment:** shows data based on the most recent assessment results
- **Initial Assessment:** shows data based on the Initial Assessment results

Description: This report shows average learning rates and a detailed view of the topics students have mastered, not mastered, and are ready to learn. The pie chart identifies the average progress toward completion of the course; when Chapter Objectives are used, white dots show progress toward completion of the current objective. Beneath the pie chart is a breakdown of course topics and the mastery percentage of each topic, which can be viewed by ALEKS Table of Contents or Objectives. In the Ready to Learn column, teachers can identify groups of students that are all ready to learn a topic.

Purpose: The Pie Chart Report at the class level is frequently used to assist teachers in effectively planning classroom instruction, grouping students based on knowledge and level of readiness, and communicating directly with these groups.

Course Mastery (202 of 324 Topics)
Current Objective: Chapter 6 (03/14/2012)

Exponents and Polynomials
Geometry
Whole Numbers
Fractions
Decimals, Proportions, and Percents
Measurement
Real Numbers
Algebraic Expressions and Equations
Graphs of Linear Equations
Statistics and Probability

ALEKS Table of Contents | **Objectives**

View Course Content by ALEKS Table of Contents
NOTE: The Mastered and Not Mastered columns add up to 100%. [View all topics / Hide all topics](#)

Topic	Mastered	Not Mastered	Ready To Learn
Whole Numbers	97% Mastered		
Fractions	80% Mastered		
Decimals, Proportions, and Percents	74% Mastered		
Measurement	55% Mastered		
Customary Units of Measurement (52% Mastered)			
Choosing customary measurement units	100%	0%	0%
Conversions involving measurements in feet and inches	79%	21%	21%
Adding customary units of length	45%	55%	33%
Customary unit conversion with whole number values	100%	0%	0%
Customary unit conversion with whole number values, two-step conversion	76%	24%	24%
Customary unit conversion with mixed number values	6%	94%	39%

13 students out of 33 (39%) are ready to learn this topic.

- Alberti, Bill L.
- Baker, Bill L.
- Baker, Jose J.
- Browning, Charles A.
- Davis, Maria T.
- Gates, Robert P.
- Green, Jill C.
- Mendes, John B.
- Sanchez, Jill K.
- Simpson, David B.
- Topeka, Carlos T.
- Trish, Jill L.

[Send message to these students](#)
[Other topics \(16\) that these students are ready to learn](#)

ALEKS course topics are grouped by the ALEKS Table of Contents (pie slices), or by Objectives if a textbook has been integrated with the course. Teachers can view student mastery for each Objective or Pie Slice by toggling between the tabs.

Teachers can view exactly which students have mastered, not mastered, or are ready to learn a topic, and send a message directly to those students from the report. In the “Ready to Learn” column, teachers can also see other topics that each group is ready to learn.

2. Time and Topic Report

Location in Basic Module: Select the Reporting box and then click on the “Class” link below the Time and Topic icon.

Location in Advanced Module: First select the course, then click on the “Progress” button and choose “Time and Topic” from the Report Style drop-down menu. Click the “Compute” button to generate the report.

Description: At the class level, the Time and Topic Report shows each student’s total time in ALEKS, the date of their last login, and daily topics attempted versus mastered over a selected period of time. Teachers can send a message to a single student or a group of students by selecting the number next to the student’s name and then selecting the “Send Message to Selected Students” link.

Selecting a student from the report will show the student’s individual Time and Topic report. (You can also go directly to an individual student’s Time and Topic Report by clicking on the “Individual” link below the Time and Topic icon on the Reporting page.) In this view, teachers can view exactly which topics were attempted and/or mastered by selecting the “# topics” link.

Purpose: The Time and Topic Report is most frequently used to monitor student time on task while working in ALEKS. Teachers can use this report to ensure students are making adequate progress, meeting a specified time requirement, and for grading purposes.

Class Report Report from 02/06/2012 to 02/12/2012 [\(Change Date Range\)](#)

[Download Excel Spreadsheet](#)

Algebra 1

Number of Students: 28 Logged-in Students: 9

Click on the student name to view a detailed report. [Refresh Report](#)

[Send Message to Selected Students](#)

All	Name (Login/Student Id)	Total time in ALEKS (hrs) [?]	Total time in ALEKS (hrs) (at School) [?]	Last login	Time Log (Number of topics mastered / Number of topics practiced)							Total Time (for date range) [?]
					Mon 02/06	Tue 02/07	Wed 02/08	Thu 02/09	Fri 02/10	Sat 02/11	Sun 02/12	
1	Black, Victoria S.	40h 59m	37h 35m	02/29/2012	15m (1/1)	14m (1/1)	10m (1/2)	12m (1/1)	11m (1/5)	11m (1/2)	25m (2/2)	1h 45m (8/14)
2	Bush, Daniel V.	54h 25m	43h 32m	02/26/2012	37m (3/3)	14m (1/1)	28m (2/5)	15m (1/2)	21m (2/2)	11m (1/1)	30m (2/5)	2h 37m (12/19)
3	Bush, Kai K.	89h 01m	53h 25m	02/20/2012	14m (1/8)	30m (2/3)	12m (1/1)	10m (1/3)	12m (1/1)	32m (2/2)	10m (1/1)	2h 01m (9/17)
4	Clark, Carlos L.	38h 39m	23h 12m	02/28/2012	13m (1/1)	42m (3/3)	15m (1/4)	23m (2/3)	13m (1/1)	27m (2/3)	13m (1/2)	2h 27m (11/17)

A blue triangle (▼) next to the time indicates that the student spent a portion of their time that day working on an ALEKS assessment.

Student Report Report from 02/06/2012 to 02/12/2012 [\(Change Date Range\)](#)

[Refresh Report](#)

Date	Time Spent in ALEKS [?]	Topics Attempted [?]	Topics Mastered
2/12/12	25 minutes	2 topics	2 topics
2/11/12	11 minutes	2 topics	1 topic
2/10/12	12 minutes	5 topics	1 topic

List of topics attempted on 2/10/12: * = mastered

- Real Numbers and Linear Equations / Linear Equations
 - [Solving a two-step equation with signed fractions*](#)
- Functions and Systems of Equations / Properties of Lines
 - [Writing the equations of vertical and horizontal lines through a given point](#)
- Functions and Systems of Equations / Systems of Linear Equations
 - [Solving a system of linear equations](#)
- Rational Expressions and Proportions / Simplifying Expressions
 - [Multiplying rational expressions: Problem type 1](#)
- Rational Expressions and Proportions / Solving Equations
 - [Restriction on a variable in a denominator](#)

Selecting a student’s name will open the individual’s Time and Topic Report. Teachers can see the specific topics the student attempted and mastered on a daily basis.

Please note: Sample problems can be generated by selecting the green, hyperlinked problem type. Each time the link is selected, a unique instance of the problem will be generated.

3. Progress Bar Report: Learning Progress Since Latest Assessment

Location in Basic Module: Select the Reporting box and then click on the “Class” link below the Progress Bar icon. Select “Learning progress since latest assessment” from the drop-down menu and click on the “Show” button to generate the report.

Location in Advanced Module: First select the course, then click on the “Progress” button and choose “Progress in learning mode” from the Report Style drop-down menu. Click the “Compute” button to generate the report.

Description: This report shows each student’s learning progress since the latest assessment. The report includes the student’s total time in ALEKS, the date of their last login, and the date of their last assessment. Individual student course mastery is represented by a tri-color bar graph. Additional learning data is also available. Teachers can send a message to a single student or a group of students by selecting the number next to the student’s name and then selecting the “Send Message to Selected Students” link.

Purpose: Teachers can view this report once students complete their Initial Assessment to verify that students are placed in the proper course. If a student scores less than 15% on the Initial Assessment, we recommend moving the student to a less challenging course. If a student scores over 85% on the Initial Assessment, we recommend moving the student to a more challenging course. ALEKS course recommendations can be found at

http://www.aleks.com/k12/course_products/recommendations.

This report can also be used to monitor student progress and usage, which can help identify those needing individual instruction.

Algebra 1								
Number of Students: 28 Logged-in Students: 9								
Send Message to Selected Students								
All	Name (Login/Student Id)	Total time in ALEKS (hrs)	Last login	Last assessment	Performance Course Mastery Show: Percent / Topics	Learning data since last assessment		
						Topics learned since last assessment	Hours in ALEKS since last assessment	Topics learned per hour since last assessment
1	Black, Victoria S.	47.0	02/29/2012	02/09/2012	81 +7 %	22	8.2	2.7
2	Bush, Daniel V.	54.4	02/26/2012	02/11/2012	66 +8 %	23	9.4	2.4
3	Bush, Kei K.	89.0	02/20/2012	02/02/2012	69 +9 %	24	13.5	1.8
4	Clark, Carlos L.	38.7	02/28/2012	02/12/2012	56 +8 %	23	7.9	2.9
5	Clark, Jill A.	54.9	02/19/2012	02/03/2012	51 +8 %	22	8.9	2.5

Course performance is displayed in a bar graph.

- **Blue** shows total course mastery (result of the latest assessment)
- **Green** shows progress made in Learning Mode since the latest assessment
- **Yellow** shows what is left to learn

Student Report	Last assessment	Assessment performance		Learning data since last assessment		
		Course Mastery Show: Percent / Topics	grade	Topics learned since last assessment	Hours in ALEKS since last assessment	Topics learned per hour since last assessment
Progress Assessment	03/04/2012	56 +8 %		23	7.9	2.9
Progress Assessment	02/08/2012	51 +6 %		19	6.6	2.9
Progress Assessment	01/18/2012	46 +8 %		22	6.0	3.7
Progress Assessment	12/25/2011	40 +7 %		20	4.0	5.0
Requested Assessment 2	12/14/2011	34 +8 %	C	23	3.9	5.8
Progress Assessment	11/23/2011	29 +7 %		21	2.4	8.7
Initial Assessment	10/29/2011	22 +7 %		21	1.4	14.7

Selecting a name from the list will display the student’s comprehensive progress in assessment and Learning Mode.

Please note: If Chapter Objectives are used, the report will contain an additional column titled “Current Objective” that shows student progress toward completion of the current objective.

4. State Standards Report

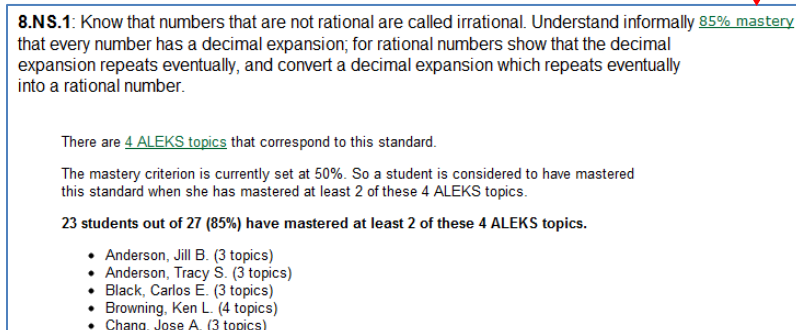
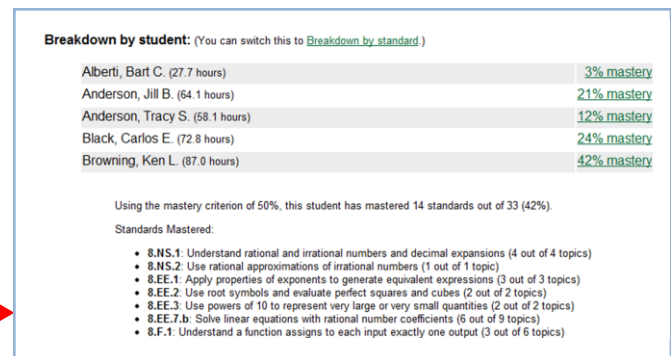
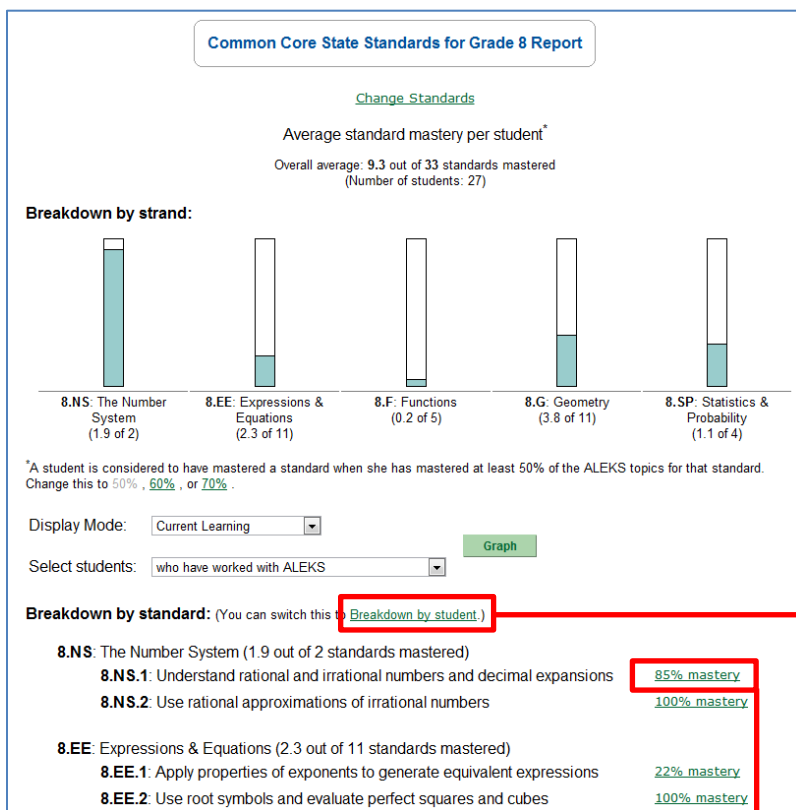
Location in Basic Module: Select the Reporting box and then click on the “Class” link below the Standards icon.

Location in Advanced Module: First select the course, then click on the “Report” button and select the “<State> Standards Report” tab.

Description: The Standards Report shows standard mastery for the class by strand and sub-strand. Teachers can select the percentage mastery for any standard to view which students have or have not mastered the standard.

Standard mastery for an individual student in the class can be viewed by selecting the “Breakdown by student” link. For each student in the class, teachers can see the percentage of standards mastered. Teachers can select the percentage mastery for any student to see which standards have been mastered and not mastered.

Purpose: The Standards Report can be used to track student progress according to the State or Common Core State Standards (if adopted by the state). This data can help teachers direct instruction and track student knowledge of the standards, sub-stands, and strands.



Teachers can select the percent mastery for a standard to view the ALEKS topics that correspond to the standard, as well as which students have mastered the standard.

5. ALEKS Pie Chart Report (Individual Level)


Location in Basic Module: Select the Reporting box, click on the “Individual” link below the ALEKS Pie icon, and then select the student’s name from the list.

Location in Advanced Module: First select the course, then select the name of the student and click on the “Report” button.

Description: This report shows progress data for a single student in the class. The report shows the date of the student’s last login, total hours spent in the course, and average number of hours spent working in ALEKS per week. The student’s pie chart is displayed, and each slice reveals the student’s ready to learn topics. The student’s Standards Report is available (if applicable to the course), as well as a list of all the topics the student has mastered and is ready to learn. In the Progress Monitoring section, view the student’s Time and Topic Report, their Detailed Progress History, and the Learning Log/Recent Learning.

Purpose: The Pie Chart Report for an individual student is one way to share student progress with parents and other education professionals who have a vested interest in the student’s progress. The information in this report can be used to easily create and maintain comprehensive individualized education plans (IEPs) and guide effective one-on-one instruction.

Teachers can select the “Using this Report with IEP” link to learn how each section of this report can be used to help create and maintain an IEP.

Many sections on this report are expandable. Expandable sections are collapsed by default; teachers can select the “View” link to expand a section. Teachers can print this report by selecting  in the upper right corner of the page; **only the pie and the expanded sections will be printed.**

Selecting “Download Student Progress Summary” will generate a one-page progress summary for the student. The PDF contains the student’s current pie chart, as well as a Learning History section that shows the Initial and most recent assessment results.

The Standards Report will show what ALEKS topics the student has mastered and not mastered as they relate to each standard. For topics not mastered, the student’s ready to learn topics will be highlighted in yellow.