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# **ASCENDER Standards-Based Grading, Set-Up and Use**



# Table of Contents

**ASCENDER Standards-Based Grading, Set-Up and Use** ..... 1



# ASCENDER Standards-Based Grading, Set-Up and Use

**Standards-Based Grading** is a system of reporting student proficiency as specific learning goals (i.e., standards). If a course uses standards-based grading, assignments are associated with one or more standards. The standards are grouped together into standard sets. An assignment may be associated with more than one standard, and may be associated with multiple standard sets.

With standards-based grading, a student's score may reflect the average for the standard, which is calculated by adding all scores for all assignments associated with the standard, and dividing by the number of assignments. Or, the student's score may be calculated using the Power Law computation. The higher of the two is displayed as the student's standard score unless the instructor has entered an override score. If an override score is entered, it is always displayed as the student's average.

The Power Law Computation is based on the idea that a student's later scores should have more weight than his earliest scores, because later scores are more reflective of the student's accumulated knowledge. See the Power Law Computation chapter at the end of this guide for more information.

This guide covers the steps used by instructors to set up and use Standards-Based Grading.

## Prerequisites

- This guide assumes you are familiar with the basic features of ASCENDER Grade Reporting and TeacherPortal and have reviewed the TeacherPortal guide.
- You must have ASCENDER Grade Reporting access to:
  - District-wide conversion tables and standard sets for standards-based grading.
  - District-wide course setup for standards based grading.
  - District Master Schedule course maintenance.
  - Campus Master Schedule course maintenance.
- You must be a registered TeacherPortal user and be logged on to a campus that allows standards-based grading.
- Standards-based grading must already be set up at the administrative level before an instructor can set up courses.

## Checklist Overview

The following steps are covered in this guide:

- Set up the course.
  - Designate a course as standards-based.
  - Select the standards for each course.
- Enter scores throughout the cycle.
- View a student's scores as needed.
- Print IPRs as needed.

## Set Up Standards-Based Grading in Grade Reporting

### Setup Standards-Based Conversion Tables

#### Setup Standards-Based Conversion Tables

This page allows the user to create and maintain district-wide conversion tables to be used for Standards-Based Grading in TeacherPortal.

**Grade Reporting > Maintenance > TeacherPortal Options > District > Stds-Based Conv Tbl**

The screenshot displays the 'STDS-BASED CONV TBL' interface. At the top, there are navigation tabs: OPTIONS, HINT QUESTIONS, ADMINISTRATIVE USERS, **STDS-BASED CONV TBL**, STDS-BASED GRD STANDARDS, STDS-BASED CRS SETUP, and READING LEVELS. Below the tabs, there is a 'Table:' input field and 'Retrieve' and 'Print' buttons. The main area is divided into two sections. The left section has a table with columns: 'Delete' (with a trash icon), 'Table' (with an input field), 'Low-Point' (with an input field containing '0'), and 'High-Point' (with an input field containing '0'). The right section is titled 'Conversion Table:' and contains a table with columns: 'Delete' (with a trash icon), 'Points' (with an input field containing '0.0'), and 'Conversion Grade' (with an input field containing '0.0'). There are 10 rows in this table. At the bottom of the left section, there are navigation buttons: 'First', '1', '/ 1', and 'Last', along with an 'Add' button. At the bottom of the right section, there are navigation buttons: 'First', '1', '/ 1', 'Last', 'Rows: 10', 'Add', and 'Add 10'.

### Setup District-wide Standard Sets and Their Standards

## Setup District-Wide Standard Sets and Their Standards

This page allows the user to create and maintain district-wide standard sets (comprised of individual standards) to be used for the Standards-Based Grading concept in TeacherPortal.

**Grade Reporting > Maintenance > TeacherPortal Options > District > Stds-Based Grd Standards**

Standard-set:

Delete	Behavior Grade	Standard-set
	<input checked="" type="checkbox"/>	<input type="text"/>

no rows

First 1 / 1 Last Rows: 1

First / Last Rows:

[Assign Standard Sets to Courses](#)

## Assign Standard Sets to Courses

This page allows the user to assign standard sets to courses for use in the Standards-Based Grading concept in TeacherPortal.

**Grade Reporting > Maintenance > TeacherPortal Options > District > Stds-Based Crs Setup**

[OPTIONS](#)   [HINT QUESTIONS](#)   [ADMINISTRATIVE USERS](#)   [STDS-BASED CONV TBL](#)   [STDS-BASED GRD STANDARDS](#)   [STDS-BASED CRS SETUP](#)   [READING LEVELS](#)

**Courses**

Name	Service ID
1109 READING 2 DYSL	03270800
1536 READING 2	03270800

   / 1      Rows: 2

**Standard-set**   1109 READING 2 DYSL

Delete	Name
<input type="button" value="Delete"/>	<input type="text"/>

   / 1      Rows: 10

**To retrieve a course:**

- Select **Course Number** or **Title** then begin typing in the search drop-down box. A list of options is provided.
- Or, click on the **Available Courses** button to retrieve the course from the District Master Schedule.

Click on the course’s spyglass, then click the **Stds-Based Crs Setup** button to return to the **Stds-Based Crs Setup** tab. The course will display in the **Courses** box.

- Click **Retrieve**.

Select the Report Card Type for the Course

**Select the Report Card Type for the Course**

This page allows XXX.

**Grade Reporting > Maintenance > Master Schedule > Campus Schedule > Course**

COURSE SELECTION **COURSE** SECTION INSTRUCTOR COPY COURSE SECTION

READING  Title

Details	Course Number	Title	Service ID	Service ID Description	Nbr of Sem	Self-Paced	Grd Restrtn	Grd Restrtn Addtl	Textbook ISBN	Pregrid Grd Restrtn	Pregrid Addtl Grd Rstr	Graded Courses	Exclude from TeacherPortal
<input type="radio"/>	1009	READING 1 DYSL	03270700	READ1	2	<input type="checkbox"/>						<input checked="" type="checkbox"/>	Incl Both(Att/Grds)
<input type="radio"/>	1109	READING 2 DYSL	03270800	READ2	2	<input type="checkbox"/>						<input checked="" type="checkbox"/>	Incl Both(Att/Grds)
<input type="radio"/>	1209	READING 3 DYSL	03270900	READ3	2	<input type="checkbox"/>						<input checked="" type="checkbox"/>	Incl Both(Att/Grds)

Rows: 3

=>Crs Nbr:         Service ID:         Graded Crs:  Y

Nbr Sem:     Grd Restr:  +     Pregrid Grd Restr:     +

Self Paced:     Textbook ISBN:     Exclude from TeacherPortal:     +

**Options**

Excl Conflict Matrix:

Rpt Card Grd Typ:

**Grade Reporting**

Per Crt:

Department:

Gender Restr:

Required:

Elective:

**Course Codes and Credits**

Tot Credits:     Credit Lvl:

Part Credit:     Credit Seq:

AAR Use:     CPR:

Grad Plan Use:     Speech:

Spec Cons:

**Elem/Misc**

Core Crs:

ELA Wgt:

Auto Grd:

Incl UIL Elig:

Exam/Sem Ptnr:

Skills Based:

**PEIMS**

CTE Hrs:

Pop Srvd:

Instr Sett:

Class Type Cd:

Role Id:

Crs Seq:

**HR/GA**

HRoll Wgt:

HRoll Table:

HRoll Cd:

GA Table:

Ga Wgt:

**NOTE:** The **Rpt Card Grd Typ** field must be set to *Numeric* for a course that uses Standards-Based Grading.

[Set TeacherPortal Campus Options](#)

### Set TeacherPortal Campus Options

This page allows the user XXXXX.

**Grade Reporting > Maintenance > TeacherPortal Options > Campus > Options**

**OPTIONS** TEACHER PROFILES CATEGORIES ADMINISTRATIVE USERS FIRST DAY COUNTS CTRL

**Options**

Type of Posting:     Open for Grade Posting:     Days:

Allow Semester Override:     Allow Prior Days Posting:

Allow New Categories:     Allow Grade Modification to Prior Cycle:

Allow Discipline Referrals:     Use Elementary Skills-based Report Card:

Allow Assignment Rubrics:     Use Report Card Narrative:

**Weighting Types**

Allow Weighting Type Percentage:

Allow Weighting Type Points:

Allow Weighting Type Multiplier:

**Display Program Information**

Economically Disadvantaged:     Title I:

Special Education:     Pregnancy:

Gifted and Talented:     At Risk:

Bilingual/ESL:     CTE:

EB:     Generic:

Migrant:

**Standard-Based Grading**

Allow Standards-Based Grading:

Allow Teachers to Select Courses for Stds-Based Grading:

Standards-Based Grading Conversion Tbl:

Use Behavior Grading:

Score Value:

Campus-wide Message:

File Edit Insert View Format

Under **Standards-Based Grading**:

- Select **Allow Standards-Based Grading**.
- Select **Allow Teachers to Select the Courses for Stds-Based Grading**.
- Select a **Standards-Based Grading Conversion Table** to use on the campus.
- Select **Use Behavior Grading**.
- Select a **Score Value** to use on the campus.
- Click **Save**.

## Set Up a Standards-Based Course

[Designate a Course as Standards-Based](#)

### Designate a Course as Standards-Based

The Manage Courses page allows you to set course-wide information, such as whether a course uses category-based (i.e., regular) or standards-based grading. Data entered on this page affects only the selected course section. You must specify a course as standards-based before continuing.

***Settings > Manage Courses***

Course-Section 04 CHEM RPT CTM (3852-41) ▼ Retrieve

## Manage Courses

Assessment Type

Assessment Structure:

Standards-Based Grading ▼ 

### Course Note

Note will be visible in ParentPortal

PIN:  Save

In the **Course Section** field, select the course section for which you want to add data. You must select a course that has been set up to allow standards-based grading, as described in the TeacherPortal Administrator - Set Up Standards-Based Grading “How To” guide.

In the **Assessment Type** field, select *Standards-Based Grading*.

- The field is only displayed if both the campus and the course are set up to use standards-based grading. It is not displayed if the campus has disabled the teacher’s ability to determine the assessment type for the course.
- You must continue to use the same assessment type for the remainder of the year. You

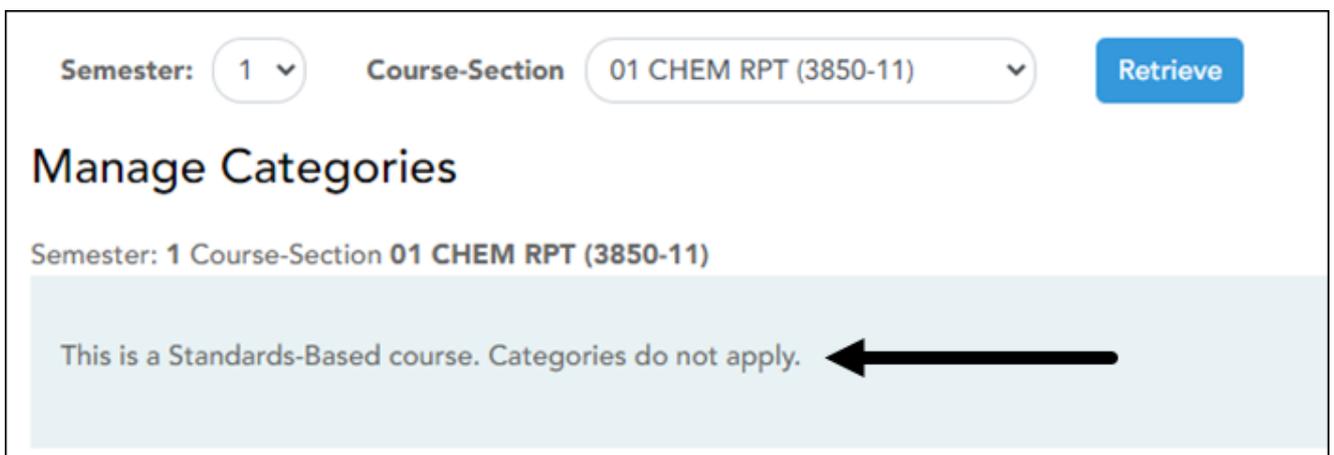
cannot use standards-based for only one semester.

Click **Save**

[Set Up Assignments](#)

## Set Up Assignments

**NOTE:** Categories are not used for standards-based courses, so it is not necessary to set up categories on *Settings > Manage Categories* before entering assignments.



The screenshot shows the 'Manage Categories' interface. At the top, there are two dropdown menus: 'Semester' with '1' selected and 'Course-Section' with '01 CHEM RPT (3850-11)' selected. To the right of these is a blue 'Retrieve' button. Below the dropdowns is the title 'Manage Categories'. Underneath the title, the selected semester and course-section are displayed: 'Semester: 1 Course-Section 01 CHEM RPT (3850-11)'. A light blue shaded box contains the message 'This is a Standards-Based course. Categories do not apply.' with a black arrow pointing to the right.

The Manage Assignments page allows you to enter assignments for your active courses, including standards-based courses. Different fields are displayed according to the type of course selected.

***Settings > Manage Assignments***

Semester: 1 Cycle: 1 Course-Section 01 CHEM RPT (3850-11) Retrieve

### Manage Assignments

Semester:1 Cycle:1 Course Section:01 CHEM RPT (3850-11)

Add new assignment

PIN: Save

Delete	Assignment Name	Behavior Assgn	Edit Standards	Date Assigned	Date Due	Notes
	Lab safety	<input type="checkbox"/>	1 Standards	Date: 08/20/2021	Date: 08/20/2021	
	Scientific notation	<input type="checkbox"/>	1 Standards	Date: 08/25/2021	Date: 08/25/2021	
	Behavior Grade	<input checked="" type="checkbox"/>	3 Standards	Date: 08/17/2021	Date: 12/17/2021	
	Charles' Law	<input type="checkbox"/>	1 Standards	Date: 12/14/2021	Date: 12/17/2021	

Add new assignment

PIN: Save

Copy Assignments to Another Course-Section-Cycle

- Select the semester, cycle, and course section, and click **Retrieve Data**.

Any assignments that have previously been entered for the semester-cycle-course section are displayed. Otherwise, the message “No Assignment Exists” is displayed.

- Click **Add new assignment**. A blank row is displayed.

	Charles' Law	<input type="checkbox"/>	1 Standards	Date: 12/14/2021	Date: 12/17/2021	
X		<input type="checkbox"/>	0 Standards	Date:	Date:	

Add new assignment

PIN: Save

Copy Assignments to Another Course-Section-Cycle

- In the **Assignment Name** field, type a name for the assignment. The field can be up to 50 characters and is required.
- The **Behavior Assign** checkbox indicates an assignment that will be using a behavior standard.
- In the **Edit Standards** field, the number of standards currently associated for the assignment is displayed. A new assignment will have 0 standards.

The **Edit Standards** field is only displayed for standards-based courses; the **Category** field is displayed for category-based (i.e., regular) courses.

To add standards, click the **# Standards** link.

The **Editing Standards for Assignment: Assignment Name** dialog box is displayed.

**Editing Standards for Assignment:**

Available Standards

3331 CHEMISTRY  
 \* 2019-2020 GAP TEKS  
 \* TRANSFER GRADE WEEK 03  
 \* TRANSFER GRADE WEEK 06  
 \* TRANSFER GRADE WEEK 09  
 \* TRANSFER GRADE WEEK 12  
 \* TRANSFER GRADE WEEK 15  
 C.02G CHEMICAL QUANTITIES  
 C.04A PHYSICAL/CHEMICAL PR  
 C.04C STATES OF MATTER

Add >>  
 << Del

Selected Standards (\* in use)

(you can only delete Standards which do not already have grades)

OK Cancel

mole assessment 2 (mole review)	<input type="checkbox"/>	1 Standards	Date: 11/18/2021	Date: 12/03/2021
Conversion C to Kelvin	<input type="checkbox"/>	1 Standards	Date: 12/01/2021	Date: 12/03/2021
Boyle's Law	<input type="checkbox"/>	1 Standards	Date: 12/07/2021	Date: 12/15/2021
Behavior Grade	<input checked="" type="checkbox"/>	3 Standards	Date: 08/17/2021	Date: 12/17/2021
Charles' Law	<input type="checkbox"/>	1 Standards	Date: 12/14/2021	Date: 12/17/2021
<input checked="" type="checkbox"/> Conversion F to Kelvin	<input type="checkbox"/>	0 Standards	Date:	Date:

Add new assignment

PIN:  Save

Copy Assignments to Another Course-Section-Cycle

Under **Available Standards** (left), all available standard sets and associated standards are displayed.

- Under **Available Standards**, click the standard to associate with the assignment.

**Editing Standards for Assignment:**

**Available Standards**

- C.10D CALCULATE DILUTIONS
- C.10E TYPES OF SOLUTIONS
- C.10F RATE OF DISSOLUTION
- C.10G ACID/BASE DEFINITIONS
- C.10H PH
- C.11A ENERGIES
- C.11C EXOTHERMIC AND ENDC
- C.11D HEAT CALCULATIONS
- C.12A RADIATION AND BALANC
- C.12B FISSION AND FUSION

**Add >>**

**<< Del**

**Selected Standards (\* in use)**

**3331 CHEMISTRY**

- C.21 COMMUNICATE CONCLUS

(you can only delete Standards which do not already have grades)

OK
Cancel

Click **Add >>**. The selected standard is moved to the **Selected Standards** (right) list under the appropriate standard set name.

To remove a standard for an assignment, select the standard under **Selected Standards**, and then click **<< Del**. The standard is moved back to the **Available Standards** list and is no longer associated with the assignment.

Click **OK** to close the dialog box and retain the changes.

The **Edit Standards** field is updated to reflect the number of standards associated with the assignment.

Charles' Law	<input type="checkbox"/>	1 Standards	Date: 12/14/2021	Date: 12/17/2021	
<input checked="" type="checkbox"/> Conversion F to Kelvin		2 Standards	Date:	Date:	

PIN:

Copy Assignments to Another Course-Section-Cycle

In the **Date Assigned** field, enter the date the assignment was assigned.

- In the **Date Due** field, enter the date the assignment is due.
- In the **Notes** field, click the  to add optional notes for the assignment. If entered, these notes are displayed in ParentPortal.
- Click **Add new assignment** to add another assignment. Continue adding assignments as needed.
- To delete an assignment, Click  under **Delete**.
- Type the four-digit PIN and click **Save**. An assignment cannot be saved unless it has at least one standard associated with it.

## Enter Grades for a Standards-Based Course

Grades for standards-based grading are entered on the Assignment Grades and Cycle Grades pages.

[Assignment Grades](#)

### Assignment Grades

The standards-based Assignment Grades page allows you to enter standards-based scores for students by semester, cycle, and course section throughout the cycle. For each assignment, you enter scores for all associated standards, so an assignment will often have multiple scores. The scores are converted into a standard 100%-based (i.e., regular) grade for the course.

**Grades > Assignment Grades**

Semester: 1 Cycle: 1 Course-Section: 01 CHEM RPT (3850-11) Retrieve

### Assignment Grades

Standard: All Standards Assignment: All Assignments Due Date: Student: All Students  Show Withdrawn

Semester: 1 Cycle: 1 Course-Section: 01 CHEM RPT (3850-11) Valid Standards Score Range: 1 - 5

Student ID	Student Name	Behavior Grade	Current Avg.	Lab safety Due:08/20/2021	Scientific notation Due:08/25/2021	SL and gas assessment Due:08/30/2021	Phs vs Chem change assessment Due:09/01/2021	Id. Families Per.Table Due:09/10/2021	States & phys/chem properties Due:09/13/2021
				C.02G CHEMICAL QUANTITIES	C.02G CHEMICAL QUANTITIES	C.04C STATES OF MATTER	C.04A PHYSICAL/CHEMICAL PROPERTIES AND CHANGES	C.05B PROPERTIES OF CHEMICAL FAMILIES	C.04A PHYSICAL/CHEMICAL PROPERTIES AND CHANGES
123456		4.0 / 90.0	1.1 / 51.0	3.5	1.0	1.0	1.0	1.0	1.0
123456		4.0 / 90.0	4.4 / 94.0	4.5	4.0	4.5	4.5	5.0	4.5
<b>Overall Averages:</b>		90	76						
				0 <input type="button" value="Fill"/>	0 <input type="button" value="Fill"/>	0 <input type="button" value="Fill"/>	0 <input type="button" value="Fill"/>	0 <input type="button" value="Fill"/>	0 <input type="button" value="Fill"/>

Sort Assignments by Date Due in:  Ascending  Descending order.

PIN:  Save Calculate Averages

The standards-based Assignment Grades page is displayed if you select a course section that is using standards-based grading. The page is automatically displayed instead of the regular Assignment Grades page. If you change between a standards-based course section and a category-based (i.e., regular) course section, the appropriate page loads.

Select the semester, cycle, and course section, and click **Retrieve Data**.

By default, all assignments for all students are displayed. To view a specific set of information, make one or more of the following selections:

Semester: 1 Cycle: 1 Course-Section: 01 CHEM RPT (3850-11) Retrieve

### Assignment Grades

Standard: All Standards Assignment: All Assignments Due Date: Student: All Students  Show Withdrawn

Semester: 1 Cycle: 1 Course-Section: 01 CHEM RPT (3850-11) Valid Standards Score Range: 1 - 5

Student ID	Student Name	Behavior Grade	Current Avg.	Lab safety Due:08/20/2021	Scientific notation Due:08/25/2021	SL and gas assessment Due:08/30/2021	Phs vs Chem change assessment Due:09/01/2021	Id. Families Per.Table Due:09/10/2021	States & phys/chem properties Due:09/13/2021
				C.02G CHEMICAL QUANTITIES	C.02G CHEMICAL QUANTITIES	C.04C STATES OF MATTER	C.04A PHYSICAL/CHEMICAL PROPERTIES AND CHANGES	C.05B PROPERTIES OF CHEMICAL FAMILIES	C.04A PHYSICAL/CHEMICAL PROPERTIES AND CHANGES
123456		4.0 / 90.0	3.4 / 78.0	2.5	2.5	3.0	2.5	4.0	2.5

In the **Standard** field, select a standard to view data for only one standard. Or, select *All Standards* to view all standards associated with each assignment.

If you filter by a standard, the following applies:

- If an assignment has multiple associated standards, only the selected standard is displayed under the assignment heading.
- If an assignment is not associated with the selected standard, the assignment is not displayed in the grid.

In the **Assignment** field, select the assignment for which you want to enter scores. You can select one assignment or all assignments.

In the **Due Date** field, enter a date if you want to view only assignments that are due on or after that date.

In the **Student** field, select the student for whom you want to enter scores. You can select one student or all students.

The students and assignments are displayed according to your selections.

For each assignment, the associated standards are displayed as set up on Settings > Administer Assignments. Scores are entered for each standard, so an assignment may have multiple scores.

Semester: 1 Cycle: 1 Course-Section: 01 CHEM RPT (3850-11) Retrieve

### Assignment Grades

Standard: All Standards Assignment: All Assignments Due Date: Student: All Students  Show Withdrawn

Semester: 1 Cycle: 1 Course-Section: 01 CHEM RPT (3850-11) Valid Standards Score Range: 1 - 5

Student ID	Student Name	Grade	Current Avg.	assignment Lab safety Due:08/20/2021	standard C.02G CHEMICAL QUANTITIES	standard C.02G CHEMICAL QUANTITIES	standard C.04C STATES OF MATTER	standard C.04A PHYSICAL/CHEMICAL PROPERTIES AND CHANGES	standard C.05B PROPERTIES OF CHEMICAL FAMILIES	standard C.04A PHYSICAL/CHEMICAL PROPERTIES AND CHANGES
123456		4.0 / 90.0	3.4 / 78.0		2.5	2.5	3.0	2.5	4.0	2.5

Enter the scores in the fields provided.

The **Valid Standards Score Range** field above the grid displays the range of valid scores for the course. Scores must be entered according to this range.

Semester: 1 Cycle: 1 Course-Section: 01 CHEM RPT (3850-11) Retrieve

### Assignment Grades

Standard: All Standards Assignment: All Assignments Due Date: Student: All Students  Show Withdrawn

Semester: 1 Cycle: 1 Course-Section: 01 CHEM RPT (3850-11) Valid Standards Score Range: 1 - 5

Student ID	Student Name	Behavior Grade	Current Avg.	Lab safety Due:08/20/2021	Scientific notation Due:08/25/2021	SL and gas assessment Due:08/30/2021	Phs vs Chem change assessment Due:09/01/2021	Id. Families Per.Table Due:09/10/2021	States & phys/chem properties Due:09/13/2021
123456		4.0 / 90.0	3.4 / 78.0	C.02G CHEMICAL QUANTITIES	C.02G CHEMICAL QUANTITIES	C.04C STATES OF MATTER	C.04A PHYSICAL/CHEMICAL PROPERTIES AND CHANGES	C.05B PROPERTIES OF CHEMICAL FAMILIES	C.04A PHYSICAL/CHEMICAL PROPERTIES AND CHANGES
				2.5	2.5	3.0	2.5	4.0	2.5

When scores are entered or changed, the table cell turns grey to indicate that the score was changed but not yet saved. Once the scores are saved the cell is no longer grey.

Only numeric scores can be entered. However, the following codes can be entered in place of a score:

- I - Incomplete

The following codes can be entered as properties of the score entered:

- L - Late
- R - Re-do

**HINT:** Type and save the code first. Then add the score.

If you type one or more of these codes for a score, an icon is displayed when you click **Save** to indicate the properties associated with the score. The icon displays the code (I, L, or R).

**NOTE:** The code will be applied to all standards for the assignment, even though it is entered for one standard.

Code I can be updated with a numeric score as needed. However, you cannot remove codes L and R from the score field. Instead, you must open the Grade Properties dialog box from the Student Assignment Grades: Standards- Based page, update the properties, and save the changes.

Scores can be mass entered, mass excluded, mass replaced, or mass deleted. For more information, view the online Help for this page.

For more information about navigating the page, view the online Help for this page.

The **Behavior Grade** field displays the overall behavior score for the course section followed by the conversion grade (e.g., 4.5/90, where 4.5 is the student's total score, and 90 is the student's converted grade). The converted grade is based on the table entered in Grade Reporting on Maintenance > TeacherPortal Options > District > Stds-Based Conv Tbl. If the student does not yet have a working cycle behavior average, the field is blank.

The **Current Avg.** field displays the overall score for the course section followed by the conversion grade (e.g., 4.5/90, where 4.5 is the student's total score, and 90 is the student's converted grade). The converted grade is based on the table entered in Grade Reporting on Maintenance > TeacherPortal Options > District > Stds-Based Conv Tbl. If the student does not yet have a working cycle average, the field is blank.

The average is updated every time you access the page, click **Calculate Averages**, or save scores.

Semester: 1 Cycle: 1 Course-Section: 01 CHEM RPT (3850-11) Retrieve

### Assignment Grades

Standard: All Standards Assignment: All Assignments Due Date: Student: All Students  Show Withdrawn

Semester: 1 Cycle: 1 Course-Section: 01 CHEM RPT (3850-11) Valid Standards Score Range: 1 - 5

Student ID	Student Name	Behavior Grade	Current Avg.	Lab safety Due:08/20/2021	Scientific notation Due:08/25/2021	SL and gas assessment Due:08/30/2021	Phs vs Chem change assessment Due:09/01/2021	Id. Families Per.Table Due:09/10/2021	States & phys/chem properties Due:09/13/2021
123456		4.0 / 90.0	3.4 / 78.0	C.02G CHEMICAL QUANTITIES	C.02G CHEMICAL QUANTITIES	C.04C STATES OF MATTER	C.04A PHYSICAL/CHEMICAL PROPERTIES AND CHANGES	C.05B PROPERTIES OF CHEMICAL FAMILIES	C.04A PHYSICAL/CHEMICAL PROPERTIES AND CHANGES
				2.5	2.5	3.0	2.5	4.0	2.5

The score displayed is the highest score between the score average and the power law average. If an override score exists, the override score is always displayed instead.

The **Overall Averages** (i.e., class average) number is displayed in the bottom of the grid. The overall average is updated every time you click **Calculate Averages** or **Save Grades**.

Scroll down to see the **Overall Average** field.



Semester: 1 Course-Section 01 CHEM RPT (3850-11) Retrieve

### Cycle Grades

Semester: 1  
Course-Section 01 CHEM RPT (3850-11)

PIN:  Save Calculate Semester Averages [Select 'Ready to Post' Courses](#)

Show Withdrawn Students

ID	Name	Current Semester: 1, Cycle: 1				Working Semester Average	Working Semester Behavior Grade	Working Final Grade	Working Final Behavior Grade
		Average (Auto Grade)	Override	Behavior Grade	Report Card Comments				
087133		3.4/78	<input type="checkbox"/>	4.0/90	<input type="checkbox"/>	3.4/78	4.0/90	3.4/78	4.0/90
061264		I	<input type="checkbox"/>	4.0/90	<input type="checkbox"/>		4.0/90		4.0/90
067921		I	<input type="checkbox"/>	4.0/90	<input type="checkbox"/>		4.0/90		4.0/90
074939		3.1/72	<input type="checkbox"/>	4.0/90	<input type="checkbox"/>	3.1/72	4.0/90	3.1/72	4.0/90
061527		3.0/70	<input type="checkbox"/>	4.0/90	<input type="checkbox"/>	3.0/70	4.0/90	3.0/70	4.0/90
079563		3.8/86	<input type="checkbox"/>	4.0/90	<input type="checkbox"/>	3.8/86	4.0/90	3.8/86	4.0/90
062613		1.1/51	<input type="checkbox"/>	4.0/90	<input type="checkbox"/>	1.1/51	4.0/90	1.1/51	4.0/90
086132		4.4/94	<input type="checkbox"/>	4.0/90	<input type="checkbox"/>	4.4/94	4.0/90	4.4/94	4.0/90

Show Comment Legend

The **Average** column displays the current average, which is the same as the **Current Avg** field on Grades > Assignment Grades. Only the converted grade is displayed.

The final scores and calculated average are cumulative for the semester. The final score displayed is the highest score of the following:

- The student's current average for the standard, which is calculated by adding all scores for all assignments associated with the standard, and dividing by the number of assignments.
- The student's score as calculated using the power law computation.
- If an override grade is entered, the override grade is always displayed.

The final standard score reflects standard scores for all cycles in the semester, even though only one cycle is displayed at a time.

The average does not include scores of zero, unless zero is a valid grade for the campus.

# View a Student's Scores

## View a Student's Scores

The Student Assignment Grades: Standards-Based page allows you to view and enter a student's scores in a particular course section for a semester-cycle.

### Grades > Student Assignment Grades

You can access the page from the Grades > Assignment Grades (standards-based) page. Retrieve a standards-based course, and then click a student's name. The Student Assignment Grades: Standards-Based page is displayed allowing you to view and enter a student's data.

Semester: 1 Cycle: 1 Student:  Course-Section: 01 CHEM RPT (3850-11)

### Student Assignment Grades: Standards-Based

For:

Semester: 1 Cycle: 1 Course-Section: 01 CHEM RPT (3850-11) Valid Standards Score Range: 1 - 5

Standard (*Excluded)	Score	Behavior Score	PL	Avg	Behavior Grade	Mode	Override	Lab safety	Scientific notation	SL and gas assessment	Phs vs Chem change assessment	Id. Families Per.Table	States & phys/chem properties	Electronegativity/ionization
3331 CHEMISTRY														
C.02G CHEMICAL QUANTITIES	2.5		2.5	2.5		2.5	<input type="checkbox"/>	2.5	2.5					
C.04A PHYSICAL/CHEMICAL PROPERTIES AND CHANGES	2.5		2.5	2.5		2.5	<input type="checkbox"/>				2.5		2.5	
C.04C STATES OF MATTER	3.0		1.0	3.0			<input type="checkbox"/>			3.0				
C.05B PROPERTIES OF CHEMICAL FAMILIES	4.0		1.0	4.0			<input type="checkbox"/>					4.0		
C.05C PERIODIC TRENDS	2.5		2.5	2.5		2.5	<input type="checkbox"/>							2.5
C.06B QUANTUM RELATIONSHIPS	3.5		1.0	3.5			<input type="checkbox"/>							

The following data is displayed:

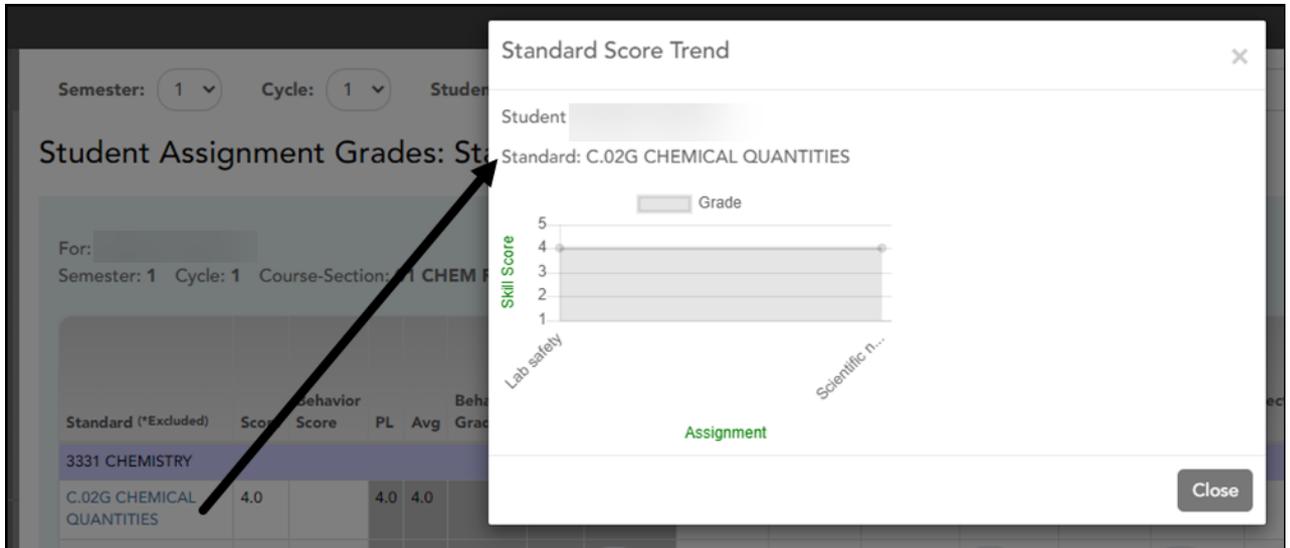
The student's data for the semester-cycle is displayed; however, standards and standard sets are listed if they were part of any of the student's assignment during the semester.

For example, a standard that was only assigned to an assignment is cycle 1 is displayed in the list for later cycles; however, the assignments and their related scores for previous cycles are not displayed.

Each assignment for the semester-cycle is displayed in a column. If a standard is assigned to the assignment during the cycle, an input field is displayed. Existing scores are displayed; otherwise, the field is blank. You can add or update the score fields.

The score must be within the range of the rubric grid, as defined by the district. You can enter whole numbers or a number with one decimal place (e.g., 3.5).

If you click a standard, the Standard Score Trend dialog box opens. This displays line chart depicting the student's progress for the standard. The vertical line represents the rubric scores as established by the district, and the horizontal line represents the assignments that are associated with the selected standard. The data is display only.



Click **Close** to close the dialog box.

The **Score** column displays the student's overall score for the assignment for all cycles in the semester. The score is either the higher score or the average (**Avg** column) and the power law average (**PL** column) or the override score if it exists. The override score is always displayed if it exists in any cycle in the semester.

The **PL** (power law) column displays the student's average for the assignment based on the power law formula, which is described later in this guide.

The **Avg** column displays the student's current average for the standard, which is calculated by adding scores for all assignments associated with the standard and dividing by the number of assignments.

**NOTE:**

The average displayed will reflect scores from all assignments associated with the standard, including previous cycles in the semester. For example, if it is currently cycle 3 of the semester and the standard was associated with assignments in cycles 2 and 3, the average will reflect scores for the entire semester, even though only cycle 3 is displayed.

The **Mode** column displays the mode if one exists. The mode is the standard score that appears most often for the semester to date. It is cumulative for the semester, not just the current cycle. There can be more than one mode.

**NOTE:**

- If all scores occur the same number of times, there is no mode, and the column is blank.
- If two or more scores are tied for most number of occurrences, (i.e., bi-modal or multi-modal), all will be displayed.

**Examples:**

- If the student's standard scores for the semester are 1, 2, 4, 2, the mode is 2.
- If the student's standard scores for the semester are 1, 1, 3, 2, 4, 2, the mode is 1,2.
- If the student's standard scores for the semester are 1, 2, 3, 4, there is no mode.

In the **Override** field, you can type an override score for the standard. If an override score is entered, it overrides the scores in the **PL** and **Avg** columns and it will always be displayed in the **Score** field.

- The override score must be within the range of the rubric grid, as defined by the district. You can enter whole numbers or a number with one decimal place (e.g., 3.5).
- If an override score was entered in a previous cycle in the semester, the score is carried over to the later cycles in the semester. However, if you enter an override score after cycle 1, it only applies to the current and later cycles for the semester.

**NOTE:**

If you want to dismiss an override grade for the entire semester, it must be cleared in all cycles of the semester.

For each standard set, the **Standard Set Score** row displays the average of all overall standard scores for each standard set.

- The average does not include scores of 0, unless a 0 exists in the rubric grid. It is rounded to one decimal place.
- This average is cumulative for all cycles in the semester.

The **Total Score** row at the bottom of the table displays the average of all Standard Set Scores.

The **Conversion Grade** row at the bottom of the table displays the standard 100%-based grade, which is a conversion from the **Total Score**. The conversion scale is determined by the district in the Student system.

The averages are updated every time you access the page, click **Calculate Grades**, or save the scores.

Comments and indicators can be entered for each assignment grade. For more information, view the online Help for this page.

Type a four-digit PIN and click **Save**.

To retrieve data for another semester-cycle or student, change the **Semester**, **Cycle**, **Student**, or **Course Section** fields.

To return to the standards-based Assignment Grades page, click **Back to the Assignment Grades**.

## Print IPRs

### Print IPRs

Interim progress reports (IPRs) display different data for courses using standards-based grading. For general information about printing IPRs, view the online Help for the page.

**Grades > Print IPR**

Grades > Print IPR by Average

# ALAMO ISD ALAMO CITY HIGH SCHOOL

Interim Progress Report - Semester 1 Cycle 1

To the Parents/Guardians of:  
CEDRIC DIGGORY  
123 PORTKEY LANE  
ALAMO, TEXAS 78000

Student Name: ██████████	Student ID: 061264
Teacher: ██████████	Date: 2/7/2022 03:00:50 PM
Course: CHEM RPT	Semester 1, Cycle 1, Period: 01

Incomplete

Behavior Grade:  
A → 4.0/90 ← B

Assignment	Due Date	Grade	Late	No Evidence
<b>StandardSet: 3331 CHEMISTRY</b>				
<b>Standard: C.02G CHEMICAL QUANTITIES</b> ← D				
Lab safety		4.0		
Scientific notation		4.0		
C.02G CHEMICAL QUANTITIES Final Score: 4.0				
<b>Standard: C.04A PHYSICAL/CHEMICAL PROPERTIES AND CHANGES</b>				
Phs vs Chem change assessment		4.0		
States & phys/chem properties		4.0		
C.04A PHYSICAL/CHEMICAL PROPERTIES AND CHANGES Final Score: 4.0				
<b>StandardSet: BEHAVIOR STANDARDS</b>				
<b>Standard: RESPECTFUL</b>				
Behavior Grade		4.0		
RESPECTFUL Final Score: 4.0				
<b>Standard: RESPONSIBLE</b>				
Behavior Grade		4.0		
RESPONSIBLE Final Score: 4.0				
<b>Standard: SAFE</b>				
Behavior Grade		4.0		
SAFE Final Score: 4.0				
		<b>BEHAVIOR STANDARDS Final Score: 4.0</b>		
		<b>Total Score: Incomplete</b>		

**Comments:**

**No Evidence Code Legend**  
A - No Evidence Absent RE - No Evidence Refusal T - No Evidence Transfer

The semester and cycle are displayed at the top of the IPR. However, the final scores and calculated average are cumulative for the semester.

For standards-based courses, the following is included on a student's IPR:

- **A - Conversion Grade:** This is the grade that appears on *Grades > Cycle Grades* in the **Average** column. It is the student's average to date. The average is cumulative for the semester, even though assignment grades are only displayed for the selected semester-cycle.

- 
- B - Behavior Grade:** This is the behavior grade that appears on *Grades > Cycle Grades* in the **Average** column. It is the student's average to date. The average is cumulative for the semester, even though assignment grades are only displayed for the selected semester-cycle.
  - C - Standard Set:** This is the set of standards with which the graded standard is associated.
  - D - Standard:** This is the standard.
  - E - assignment name:** This is the assignment with which the standard is associated. The grade for each assignment is displayed in the grade column. The assignment grades are displayed for the selected semester-cycle only.
  - F - Final Score:** A final score is displayed for each standard. The score displayed is the highest score of the following:
    - The student's current average for the standard, which is calculated by adding all scores for all assignments associated with the standard, and dividing by the number of assignments.
    - The student's score as calculated using the power law computation.
    - If an override grade is entered, the override grade is always displayed.
  - G - Final Score (standard set):** A final score is displayed for each standard set. This is the average of all final scores for each standard. The final standard set score reflects standard set scores for all cycles in the semester, even though only one cycle is displayed at a time. The average does not include scores of zero, unless zero is a valid grade for the campus. The final standard set score is rounded to one decimal place.
  - H - Total Score:** This is the average of all standard set final scores, which takes into account all cycles in the semester. This grade is converted to a standard 100%-based grade using a conversion chart established by the district (e.g., 3/80, where 3 is the student's total score, and 80 is the student's converted grade).

## Power Law Computation

### Power Law Computation

In standards-based grading, a student's standard score may reflect the average for the standard, which is calculated by adding all scores for all assignments associated with the standard, and dividing by the number of assignments. Or, the student's score may be calculated using the Power Law computation. The higher of the two is always displayed as the student's standard score, unless the instructor has entered an override score.

The Power Law computation is based on the idea that a student's later scores should have more weight than his earliest scores, because later scores are more reflective of the student's accumulated knowledge.

The nonlinear power law equation is  $y = m \cdot x^b$ , where:

- $y$  is the score that is being predicted or computed.
- $x$  is the score on which the prediction is based, indicating the number of practices the student has had for the standard. For example, if the student has had three assessments to date, starting with a homework assignment, then a quiz, and then a test, the  $x$  score for the homework assignment would be 1, for the quiz would be 2, and for the test would be 3. Each score must have a corresponding assessment number.

Steps:

- Calculate the log of  $x$  and the log of  $y$  for all possible  $x$  values and all possible  $y$  values.
- Use the log values for  $x$  and  $y$  in the linear equation  $y = mx + b$  (i.e.,  $\log(y) = m \cdot \log(x) + b$ ).
- Solve for  $m$  in this linear equation to get the value for  $b$  for the nonlinear equation.

$$m = \frac{\sum xy - \left[ \frac{\sum x \sum y}{N} \right]}{\sum x^2 - \left[ \frac{(\sum x)^2}{N} \right]}$$

- Solve for  $b$  in this linear equation to get  $\log(m)$ . Calculate  $m$  using the formula  $m = e^{\log(m)}$  to get the value for  $m$  in the nonlinear equation.

$$b = \frac{\sum y - m(\sum x)}{N}$$

- Use the new values for  $m$  and  $b$  in the nonlinear Power Law equation.



## Back Cover