

Science Key Vocabulary Assessment ©

User Manual and Training Guide 2008
version 1.1

A part of D2K: Data to Knowledge™ and the Measurement Made
Meaningful M³™ working groups.

Kimberly J. Vannest & Richard E. Parker

To reference this manual in APA style please use the following information:

Vannest, K. J., Parker, R. E., Adiguzel, T., Dyer, N.E., Maney, S. K., & Perez, E. P. (2007). Science Key Vocabulary Assessment (SKeVA™ ©): A web-based system for formative assessment and instruction. (Beta Version) [Training manual]. College Station, TX: Texas A&M University. Retrieved March 23, 2008. Available from <http://skeva.tamu.edu/>.

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Vannest, K., Adiguzel, T., & Parker, R.. E. (2006). Science Key Vocabulary Assessment (SKeVA™ ©): A web-based system for formative assessment and instruction. (Beta Version) [Web-based application]. College Station, TX: Texas A&M University. Retrieved March 23, 2008. Available from <http://skeva.tamu.edu/>.

Acknowledgements and special thanks to contributors: Tufan Adiguzel, Denise Soares, Tiffani Neef, Alicia Darensbourg.

SOFTWARE REQUIREMENTS

- *Internet Explorer 6 or higher*
- *Safari 1.0 or higher*
- *Mozilla 1.5 or higher*
- *Firefox 1.0 or higher*
- *Netscape 6.0 or higher*

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VERSION

This is version 1.1 of the user guide and training manual

AUTHORS

This guide was created by Kimberly Vannest, Richard Parker, Nicole Dyer, Shell Maney, and Erica Perez of the Measurement made meaningful M3™ working group.

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1. Measuring Student Performance

1.1 Progress Monitoring Assessment with SKeVA®

1.2 Pre-Post Mastery Assessment with SKeVA®

1.1 Progress Monitoring Assessment with SKeVA

What Is Progress Monitoring?

Progress monitoring is the periodic, repeated assessment of student progress toward a medium- or long-term goal. The multiple assessments are often called “probes”. The tests are short enough that they can be administered every week or every few weeks. The probes are all equal in difficulty and content. The best-known example of progress monitoring is Curriculum Based Measurement (CBM), e.g. for oral reading fluency. Progress monitoring can be carried out with individual students or an entire class.

Why Use Progress Monitoring?

Different types of assessment are good for different purposes.

Most classroom assessment can tell us how well a student mastered the limited content of a single lesson, or a unit of instruction. That timely feedback can help guide instruction.

State assessment (TAKS) at the end of the year can tell us how much a student learned and maintained during the year, over a broad set of skills or content topics. But those results come too late to guide instruction.

If we want to know how well students *learn and maintain* over time, covering several skills or topic areas, and we want that information early enough to be useful, we need a different type of test. We need one which includes advanced, current, and review content, and is administered periodically. This is Progress Monitoring.

How Does Progress Monitoring in Science Work?

First, teachers select a set of learner skills and knowledge which will be covered over a 6-to-12 week period. These “skills and knowledge” form a content domain which can be tested by pulling relevant items from an item bank.

The items are randomly assigned to 6 different probes, to ensure that each of the weekly probes is balanced in content and difficulty. The probes are created, and then one probe is administered (in any order) each week.

By computer, probes are administered, scored, and feedback is provided immediately to teachers and students. Because probes are of equal content and difficulty, a student’s performance can be compared from one to the next.

1.1 Progress Monitoring Assessment with SKeVA

Why Does Progress Monitoring Benefit Students?

Over 40 articles attest to the benefits of Progress Monitoring for student learning. This research began in the early 1980's with Dr. Stan Deno at the University of Minnesota's Center for Learning Disabilities. Now it is practiced widely in the fields of special education, school psychology, and for "at risk" populations.*

Reasons for improved student performance include:

Progress Monitoring can measure progress toward medium term goals, which is not captured by lesson tests or by end of year tests.

Probes are multiple small snapshots, which are more reliable than a long test taken on one day.

Students and teachers can get immediate feedback.

Progress Monitoring lends itself to graphic display, which is better received by many rather than number scores. The same display can communicate to teachers, parents, students, and administrators.

Progress graphs lend themselves to goal-setting, as each week the student has "another chance".

Progress graphs stay highly relevant from one week to the next, unlike lesson tests which tend to lose importance as a new unit begins.

Progress Monitoring probes measure both learning and maintenance of learning from week to week.

Progress Monitoring puts a student in competition with him/her-self, rather than other students. Progress is mainly "self-referenced": the student compares their progress with how they did last week.

**Information gathered from: National Center on Student Progress Monitoring, www.studentprogress.org*

1.2 Pre-Post Mastery Assessment with SKeVA

What Is Pre-Post Mastery Assessment?

Pre/Post assessment is testing a student before and after instruction to measure mastery of a limited set of knowledge and skills. The knowledge and skills are typically limited to those from one lesson, one week, or one unit of instruction. The Pre- and Post- measures must be equal in length, content, and difficulty level. Teachers often use Post-only assessment in quizzing students after instruction. Pre-Post assessment provides a change or gain score from Pre to Post.

Why Do Pre-Post Mastery Assessment?

Adding Pre-testing to Post-testing has multiple benefits:

The combination of Pre-Post-testing provides a change score, which is a measure of learning. Post-test only is a good outcome measure, but it may measure learning which was already present before instruction.

Pre-Post-testing measures student growth, which is measuring the student against him/herself. This is especially useful for the lowest achievers who can lose motivation when they are continually compared to norm group or classmate standards.

Pre-testing can help a teacher determine how much instructional time to devote to which student learner outcomes.

Pre-testing can help determine which students need heavy instruction, and which students need a brief refresher.

Pre-testing can help teachers determine which student learner outcomes require additional teaching materials, or materials which present information in multiple ways.

1.2 Pre-Post Mastery Assessment with SKeVA

How Does Pre-Post Mastery Assessment Work?

First, teachers select a set of learner skills and knowledge which will be covered within one or more lessons—usually a unit taught over one to three weeks. This “skills and knowledge” forms a content domain from which two short tests or “probes” are formed. Items are randomly assigned to the two probes, to ensure that they are balanced in content and difficulty. The probes are created, and then one probe is administered prior to instruction, and the second after instruction. By computer, probes are administered, scored, and feedback is provided immediately to teachers and students. The major score obtained is a “percent correct” for each probe, and their difference is a “change” or “growth” score. Scores are obtained for entire probes, as well as for limited sets of “knowledge and skills” items.

A line graph is created to show the progress of six probes. A “best fit” line can be placed on the graph, to show whether the student is improving (slope up), deteriorating (slope down), or staying the same (flat line) over the 6 to 12 weeks. This is the main type of progress monitoring feedback. In addition to graphing performance on entire probes, line graphs also can be created for limited sets of “knowledge and skills” items

Teacher decisions about instruction can be made on the results of a single probe result. But stronger evidence of student learning and maintaining is provided by the slope of the “best fit” line over three, four, or more probes.

1.2 Pre-Post Mastery Assessment With SKeVA

How Does Pre-Post Mastery Assessment Help Students?

Over 30 years provides evidence that Pre-Post Mastery assessment can improve student performance:

Pre-Post assessment permits teachers to detail or individualize instruction at two points—both before instruction, and after the Post-test, for re-teaching and planning future lessons.

For low achievers, special needs, and at-risk students, Pre-Post assessment provides “self-referenced” score comparison of a student with him/herself, rather than only with a set standard or a norm group.

Pre-Post assessment is most effective when it is brief and can be integrated with instruction. The SKeVA© probes are designed to be brief.

Assessment is most effective when results are immediately shared. The SKeVA procedure provides immediate, computer-generated feedback.

Assessment will not be used by teachers when it is too burdensome to create, administer, score and summarize. For the SKeVA© system, these are strengths rather than concerns.

2. SKeVA© Overview

2.1 Introduction to Science Key Vocabulary Assessment (SKeVA©)

2.2 Benefits of SKeVA©

2.3 Assessment Options of SKeVA©

2.1 Introduction to SKeVA

What is SKeVA©?

Science Key Vocabulary Assessment (SKeVA©) is a web-based assessment system for improving TAKS scores in 5th grade science. SKeVA© is a TEKS-based series of key-word-vocabulary tests that teachers can utilize to measure students' knowledge of the TEKS and TAKS objectives. Teachers can use SKeVA© before and after an instructional unit (pre-post), or for progress-monitoring throughout a unit. SKeVA© is unique in that it is based on a new brief item type, and SKeVA© contains over 1,500 key vocabulary items, aligned with the TEKS. SKeVA© provides increased exposure to science vocabulary, offers immediate feedback, and allows students and teachers to track individual progress or performance. The short items reduce test time and permit the tests to be used more frequently. The system is easy to use for administrators, teachers, and students.

SKeVA© has been developed with high measurement standards by a team of experienced educational researchers at Texas A&M University. The 2006-07 school year was the first development year, during which over 1500 items were created based on TEKS, matched to several instructional materials, and edited for content and wording by experienced science teachers and coordinators. We then piloted tests with those items before and after instruction, in 9 classrooms, covering 12 teaching units. The initial pilot tests included parallel assessment with TAKS-type items. *Our SKeVA© items proved superior to TAKS-type items in measuring skill growth from instruction.*

Who Should Use This Manual?

The purpose of this training manual is to provide teachers, or facilitators, with a working knowledge of the SKeVA© system for start-up, student training, and on-going use in the classroom. It is also to serve as a quick reference and a trouble-shooting guide.

Facilitators new to SKeVA© should access the Project D2K© website for information about the features of SKeVA©, how to access SKeVA©, and to view demonstrations of SKeVA© functions, and reports.

2.2 Benefits of SKeVA

What Are The Benefits of Using SKeVA©?

Benefits for Teachers:

- Item bank of over 1,500 key vocabulary, TEKS-aligned items.
- Progress-monitoring of student academic achievement that is quickly completed and simple to implement.
- Student progress can be monitored and measured by content topic, TEKS or TAKS objective.
- Allows for data-driven decision making for instructional planning.
- Easier and quicker way to assess student knowledge.
- Provides class, individual, and group graphs of test results.

SKeVA© saves teachers time by:

- Creating and grading tests;
- Automatically scoring, tracking, and graphing tests;
- Providing immediate feedback to teachers and students; and
- Eliminating the use of paper

Benefits for Students:

- Increased exposure to science vocabulary.
- Increased opportunity to learn through automatic feedback, which is provided at the end of each test.
- Able to track their own progress or performance.
- Quick access to assessments.
- Key vocabulary items take less time to complete.
- Increases students computer skills and usage.

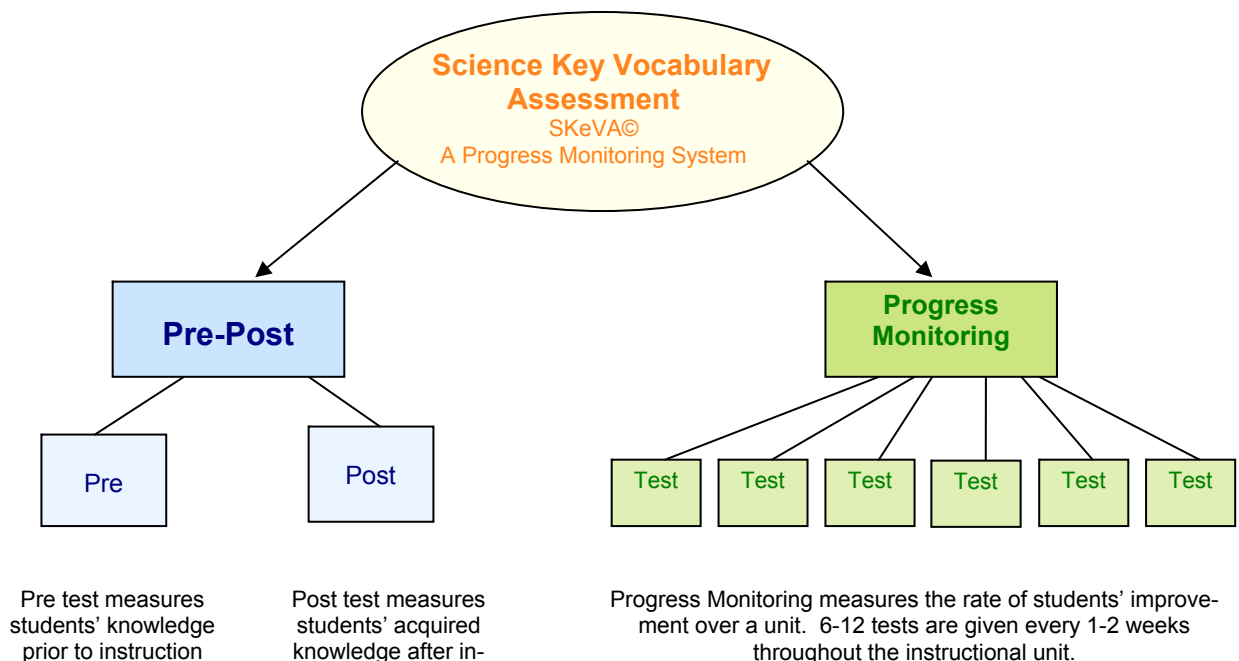
Other Benefits:

- Tests are created with a few clicks of your mouse.
- Students sign on to take his/her test.
- Can be used as a daily grade.
- Less time spent on creating and grading tests.
- Time spent copying tests is reduced.
- Paper use is reduced.
- Easy report options.

2.3 Assessment Options of SKeVA

Why Use SKeVA© in Your Classroom?

SKeVA© is a science assessment system with progress monitoring built on key word vocabulary designed to increase students knowledge of 5th grade science key vocabulary. SKeVA© is a free system that is approved by Texas Education Agency to provide a valid and reliable assessment of 5th grade Science knowledge. This system is in the second year of piloting by a talented research team at Texas A&M University. The SKeVA© team's main goal is to insure that you are comfortable with the system, and that your students are learning science vocabulary. The system has two different assessment functions; Pre-Post testing and Progress Monitoring. One or both of these functions may be used in your classroom. It is important for you to know the benefits of both functions so that you can choose the one that would work the best for you and your students.



2.3 Assessment Options of SKeVA

What is the Pre-Post System?

The Pre-Post System is a form of progress monitoring that gives a picture of your student's knowledge prior to instruction and what the student's have learned after the instruction of the unit is given. This measurement is given with only two tests; the Pre-test is given before any unit instruction is started, and the Post-test is given after all of the unit instruction is complete. The unit length is up to your discretion, but we recommend that the pre and post test be 2-4 weeks apart. The difference between Pre and Post-test scores tells you what the students have learned from instruct, what content has been mastered by whom, and what needs teaching. Graphs are generated for TEKS, objectives, and keywords that your students were tested over. You can view these results by class or individual student. These graphs can be used to document student learning, communicate to parents and students, and plan future instruction.

Benefits of Pre/Post tests:

- Post-test grade reflects student mastery levels of particular concepts taught.
- Difference between Pre and Post-test scores reflects what students have learned over the unit.

- Little instruction time is used for testing.

- Time between pre and post test is up to your discretion.

- Graphs give a clear view of what TEKS or keywords need to be revisited in your instruction.

2.3 Assessment Options of SKeVA

What is the Progress Monitoring System?

Progress Monitoring contains 6-12 tests given throughout the unit of instruction. SKeVA© creates repeated measurements (tests), that your students can take weekly or every other week, to produce "snapshots" that provide valuable information about how the student is progressing and helps show if any of your students need individualized attention. Graphs are generated for TEKS, objectives, ability grouping, and the keywords that your students were tested over. You can view these results by class or individual student. These Because the same content is being assessed throughout, the rate or progression of learning over time can be estimated from the line graph slope. Progress Monitoring covers a large timeframe of unit instruction. It has a one time set-up for tests within the unit. On the test creation page you will choose to give 6-12 tests depending on how long the unit is, choose your keywords, and then the number of tests you have decided on will be on the student's page when they login.

Benefits of Progress Monitoring:

- Short time between tests;
- Indicates rate of improvement or learning over time, as well as maintenance of learning;
- Many chances to take grades;
- Allows for data-driven decision making for instructional planning;
- Testing becomes a part of instruction;
- Can be used as a improvement tool for tutorials;
- Graphs can be used as a motivational system;
- Graphs can be used for goal-setting

3. Administrators: Getting Started with SKeVA®

3.1 Administration Log In

3.2 Home Page

3.3 User Management

3.3.1 Manage Schools

3.3.2 Manage Teachers

3.3.3 Manage Students

3.3.4 Assign Users

3.4 Report Management

3.4.1 Report Creation

3.4.2 District Reports

3.4.3 School Reports

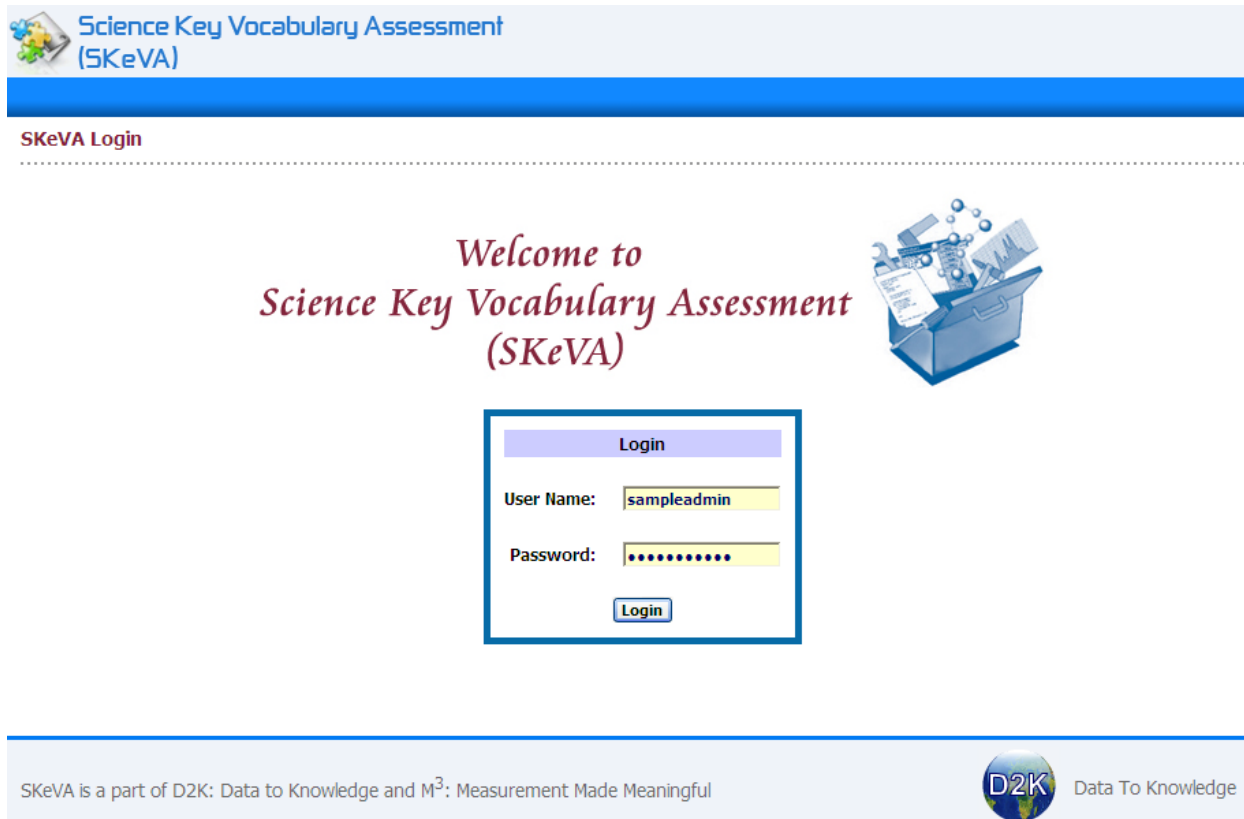
3.4.4 Teacher Reports

3.4.5 Class Reports

3.1 Administration Login

Visit the SKeVA© website to log in.

<http://skeva.tamu.edu>



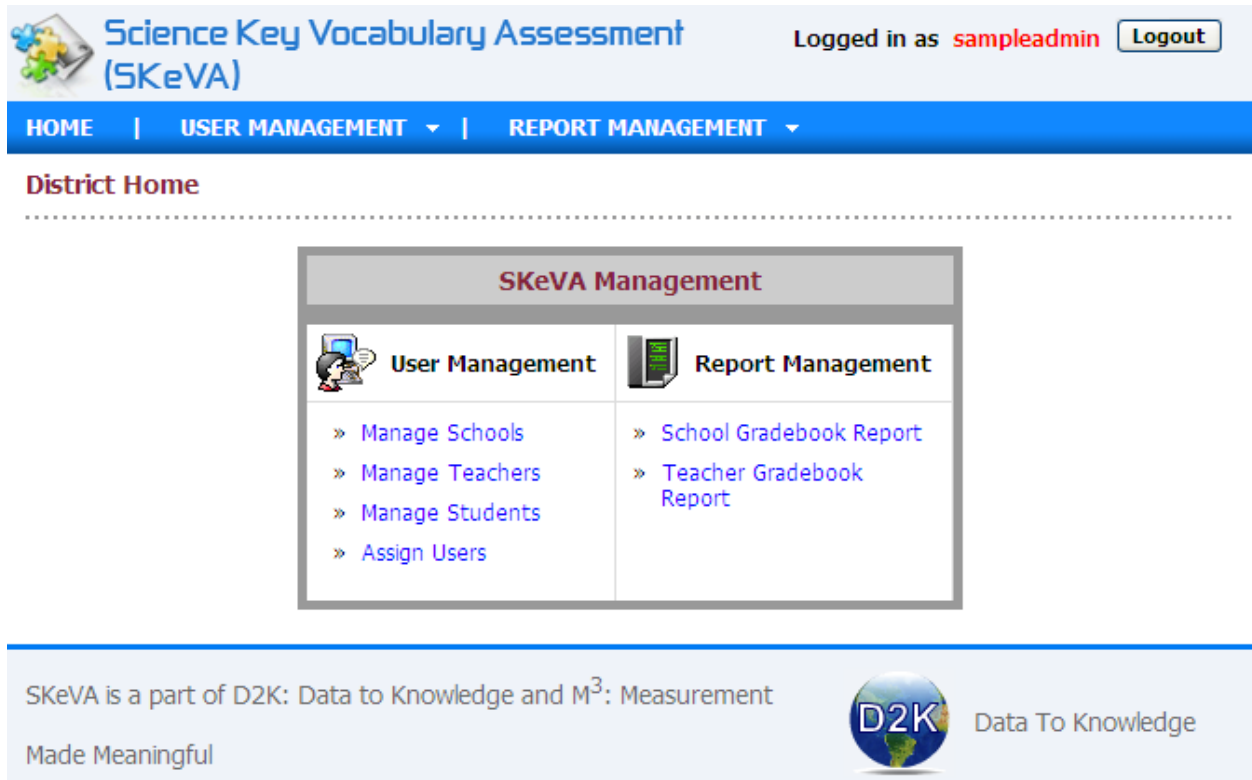
The screenshot shows the SKeVA website interface. At the top, there is a header with the text "Science Key Vocabulary Assessment (SKeVA)" and a small logo. Below the header, there is a blue bar with the text "SKeVA Login". The main content area features a large, stylized text message: "Welcome to Science Key Vocabulary Assessment (SKeVA)". To the right of this text is an illustration of a blue toolbox with various tools. Below the welcome message is a login form with a blue border. The form has a title "Login" and two input fields: "User Name:" with the text "sampleadmin" and "Password:" with a series of dots. A "Login" button is located at the bottom of the form. At the bottom of the page, there is a footer with the text "SKeVA is a part of D2K: Data to Knowledge and M³: Measurement Made Meaningful" and a logo for "D2K Data To Knowledge".

Enter your username and password in the designated field.

Click **Login**.

Next, you will enter the SKeVA© Administrator home page.

3.2 Home Page



The screenshot shows the SKeVA Home Page. At the top, there is a header with the SKeVA logo (a puzzle piece with a lightbulb) and the text "Science Key Vocabulary Assessment (SKeVA)". To the right of the header, it says "Logged in as sampleadmin" with a "Logout" button. Below the header is a blue navigation bar with links: "HOME", "USER MANAGEMENT", and "REPORT MANAGEMENT". Under "HOME", it says "District Home". The main content area is titled "SKeVA Management" and contains two columns. The left column is "User Management" with links: "Manage Schools", "Manage Teachers", "Manage Students", and "Assign Users". The right column is "Report Management" with links: "School Gradebook Report" and "Teacher Gradebook Report". At the bottom, there is a footer with the text "SKeVA is a part of D2K: Data to Knowledge and M³: Measurement Made Meaningful" and the D2K logo (a globe with "D2K" text) and "Data To Knowledge".

From the Home page, administrators are able to manage users and reports.

Once logged in to SKeVA®, administrators will see their username on the top right corner of the screen.

When finished using SKeVA®, click **Logout**, found in the top right corner of the screen.

3.3 User Management

The User Management section allows administrators to add, edit, or remove users and assign usernames and passwords.

User Management can be accessed from the Home Page or by selecting User Management on the blue bar located across the top of each page.

The screenshot displays the SKeVA web application interface. At the top, the header includes the SKeVA logo, the title "Science Key Vocabulary Assessment (SKeVA)", and a login status "Logged in as sampleadmin" with a "Logout" button. Below the header is a blue navigation bar with tabs for "HOME", "USER MANAGEMENT", and "REPORT MANAGEMENT". The "USER MANAGEMENT" tab is selected, and a dropdown menu is open, showing options: "Manage Schools", "Manage Teachers", "Manage Students", and "Assign Users". Below the navigation bar, a "District H" label is visible. The main content area is titled "SKeVA Management" and contains two columns. The left column, "User Management", includes links for "Manage Schools", "Manage Teachers", "Manage Students", and "Assign Users". The right column, "Report Management", includes links for "School Gradebook Report" and "Teacher Gradebook Report". At the bottom of the page, a footer contains the text "SKeVA is a part of D2K: Data to Knowledge and M³: Measurement Made Meaningful" and the D2K logo with the text "Data To Knowledge".

First, add users at each level.

District administrators begin with Manage Schools then Manage Teachers, then Manage Students.


Then, go to Assign Users to assign usernames.

Manage Schools

Look under User Management on the SKeVA© toolbar. Select Manage Schools.

3.3.1 Manage Schools

To add schools to your district, Enter School Name and School Abbreviation in designated boxes and click **Submit**.

 **Science Key Vocabulary Assessment
(SKeVA)**

Logged in as **sampleadmin** [Logout](#)

[HOME](#) | [USER MANAGEMENT](#) ▾ | [REPORT MANAGEMENT](#) ▾

Manage Schools

Generic Independent School District Schools

School Name	School Abbreviation		
Generic Elementary School	GES	Edit	Delete

Add School

School Name:

School Abbreviation:

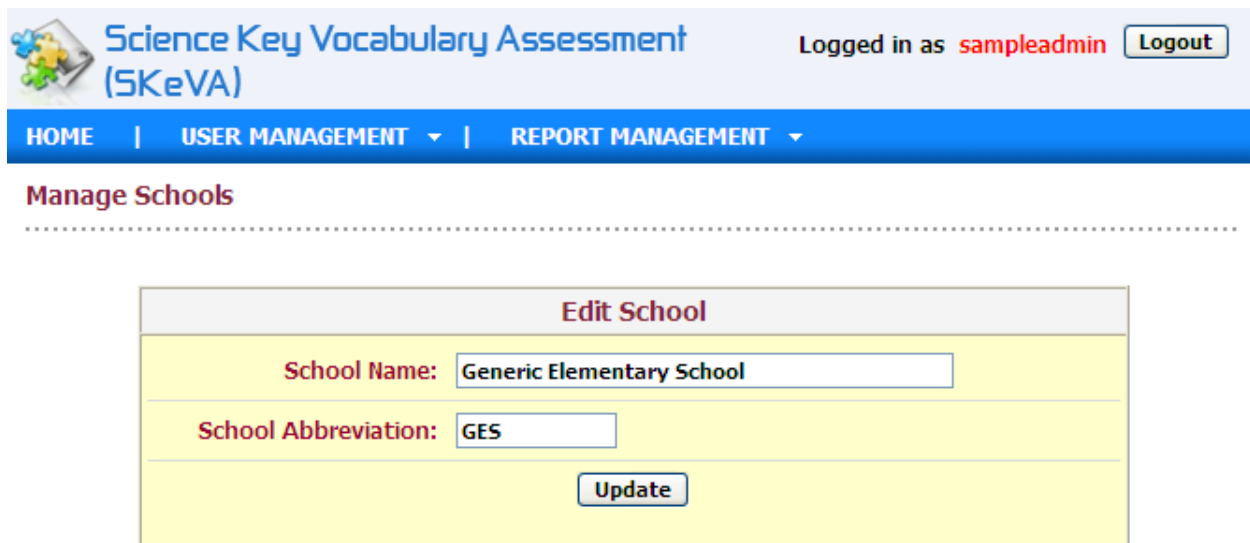
[Submit](#)

3.3.1 Manage Schools

Once you have added the School and the abbreviation, it will be displayed under your school district. At anytime, you can edit or delete the school, by just clicking the **Edit** or **Delete**.

Edit allows you to alter the school name or abbreviation. Click Update to finish editing.

Delete allows you to delete the school from the system. **Use caution with the delete button.** Deleting a school will erase all users and records associated with the school.

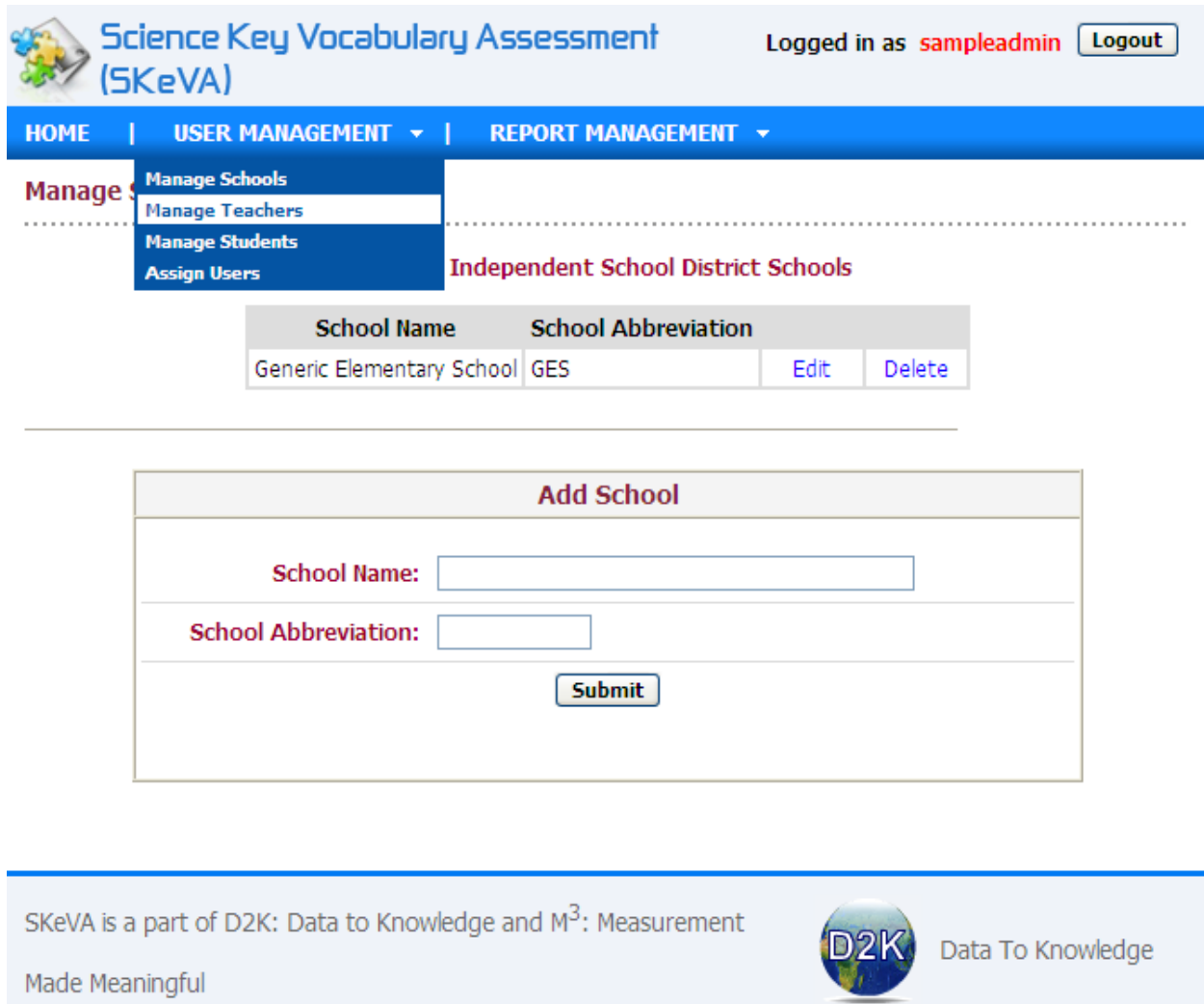


The screenshot shows the SKeVA web interface. At the top, there is a header with the SKeVA logo, the text "Science Key Vocabulary Assessment (SKeVA)", and a login status "Logged in as sampleadmin" with a "Logout" button. Below the header is a blue navigation bar with links: "HOME", "USER MANAGEMENT" (with a dropdown arrow), and "REPORT MANAGEMENT" (with a dropdown arrow). Under the navigation bar, the page title "Manage Schools" is displayed. The main content area features a form titled "Edit School". The form has two input fields: "School Name" with the value "Generic Elementary School" and "School Abbreviation" with the value "GES". Below these fields is an "Update" button.

Edit School	
School Name:	<input type="text" value="Generic Elementary School"/>
School Abbreviation:	<input type="text" value="GES"/>
<input type="button" value="Update"/>	

3.3.2 Manage Teachers

Click on **User Management** under the SKEVA© toolbar. Select **Manage Teachers**.



The screenshot shows the SKeVA web application interface. At the top, there is a header with the SKeVA logo, the text "Science Key Vocabulary Assessment (SKeVA)", and a login status "Logged in as sampleadmin" with a "Logout" button. Below the header is a blue navigation bar with "HOME", "USER MANAGEMENT", and "REPORT MANAGEMENT". The "USER MANAGEMENT" dropdown menu is open, showing options: "Manage Schools", "Manage Teachers" (highlighted), "Manage Students", and "Assign Users". To the right of the menu, the text "Independent School District Schools" is displayed. Below this is a table with two columns: "School Name" and "School Abbreviation". The table contains one row: "Generic Elementary School" and "GES". To the right of the table are "Edit" and "Delete" buttons. Below the table is a form titled "Add School". The form has two input fields: "School Name:" and "School Abbreviation:". Below the input fields is a "Submit" button. At the bottom of the page, there is a footer with the text "SKeVA is a part of D2K: Data to Knowledge and M³: Measurement Made Meaningful" and the D2K logo with the text "Data To Knowledge".

Science Key Vocabulary Assessment (SKeVA)

Logged in as sampleadmin Logout

HOME | USER MANAGEMENT | REPORT MANAGEMENT

Manage Schools
Manage Teachers
Manage Students
Assign Users

Independent School District Schools

School Name	School Abbreviation		
Generic Elementary School	GES	Edit	Delete

Add School

School Name:

School Abbreviation:

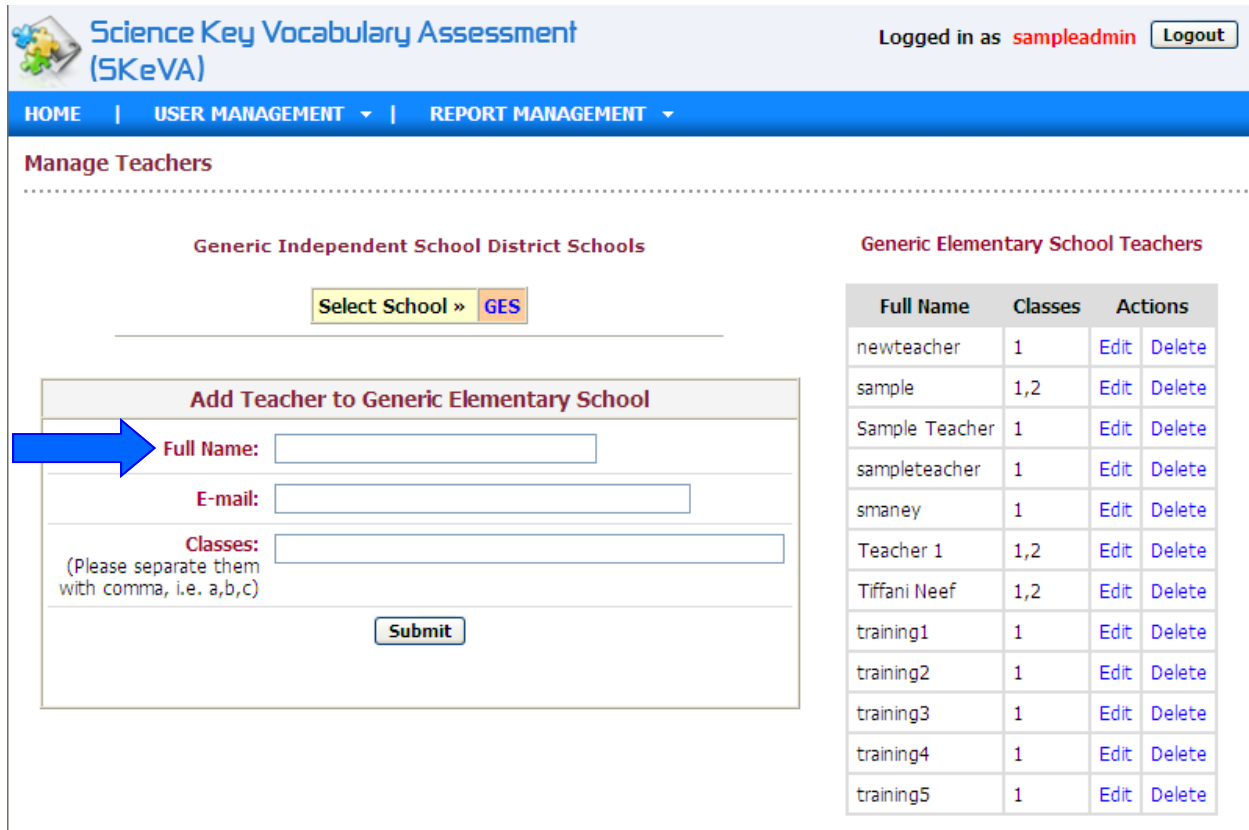
Submit

SKeVA is a part of D2K: Data to Knowledge and M³: Measurement Made Meaningful

D2K Data To Knowledge

3.3.2 Manage Teachers

Click on the abbreviation of the school to which you would like to add teachers.



Science Key Vocabulary Assessment (SKeVA)

Logged in as **sampleadmin** [Logout](#)

[HOME](#) | [USER MANAGEMENT](#) | [REPORT MANAGEMENT](#)

Manage Teachers

Generic Independent School District Schools

[Select School »](#) [GES](#)

Generic Elementary School Teachers

Full Name	Classes	Actions	
newteacher	1	Edit	Delete
sample	1,2	Edit	Delete
Sample Teacher	1	Edit	Delete
sampleteacher	1	Edit	Delete
smaney	1	Edit	Delete
Teacher 1	1,2	Edit	Delete
Tiffani Neef	1,2	Edit	Delete
training1	1	Edit	Delete
training2	1	Edit	Delete
training3	1	Edit	Delete
training4	1	Edit	Delete
training5	1	Edit	Delete

Add Teacher to Generic Elementary School

Full Name:

E-mail:

Classes:
(Please separate them with comma, i.e. a,b,c)

[Submit](#)

Add teacher by entering the Teacher's Full Name, Email address, and classes in the designated boxes.


Separate class periods by using a comma.

All information must be complete to Add User.

Click **Submit**.

3.3.2 Manage Teachers

After selecting a school, you will see a box on the right side of the screen that lists all teachers at the school who are SKEVA© users.


Science Key Vocabulary Assessment (SKeVA)
Logged in as **sampleadmin**

[HOME](#) | [USER MANAGEMENT](#) | [REPORT MANAGEMENT](#)

Manage Teachers

Generic Independent School District Schools

Select School » **GES**

Add Teacher to Generic Elementary School

Full Name:

E-mail:

Classes:
(Please separate them with comma, i.e. a,b,c)

Generic Elementary School Teachers

Full Name	Classes	Actions	
newteacher	1	Edit	Delete
sample	1,2	Edit	Delete
Sample Teacher	1	Edit	Delete
sampleteacher	1	Edit	Delete
smaney	1	Edit	Delete
Teacher 1	1,2	Edit	Delete
Tiffani Neef	1,2	Edit	Delete
training1	1	Edit	Delete
training2	1	Edit	Delete
training3	1	Edit	Delete
training4	1	Edit	Delete
training5	1	Edit	Delete

Under the Actions column

Edit allows you to edit teacher information (Teacher Name, email, classes). Click Update to complete edit.

Delete allows you to delete the teacher from the system.

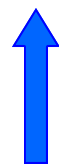
Use caution with delete.

Deleting a teacher will erase all users and records associated with the teacher. (students, created tests, student records, etc.)

[Assign teacher as View only or Edit]

Generic Elementary School Teachers

Full Name	Classes	Actions	
newteacher	1	Edit	Delete
sample	1,2	Edit	Delete
Sample Teacher	1	Edit	Delete
sampleteacher	1	Edit	Delete
smaney	1	Edit	Delete
Teacher 1	1,2	Edit	Delete



3.3.3 Manage Students

Look under User Management on the toolbar. Select **Manage Students**.

Science Key Vocabulary Assessment (SKeVA) Logged in as sampleadmin Logout

HOME | USER MANAGEMENT | REPORT MANAGEMENT

Manage

- Manage Schools
- Manage Teachers
- Manage Students
- Assign Users

Generic Independent School District Schools

Select School » GES

Generic Elementary School Teachers

Full Name	Classes	Actions
newteacher	1	Edit Delete
sample	1,2	Edit Delete
Sample Teacher	1	Edit Delete
sampleteacher	1	Edit Delete
smaney	1	Edit Delete
Teacher 1	1,2	Edit Delete
Tiffani Neef	1,2	Edit Delete
training1	1	Edit Delete
training2	1	Edit Delete

Add Teacher to Generic Elementary School

Full Name:

E-mail:

Classes:
(Please separate them with comma, i.e. a,b,c)

Submit

An Example of the Manage Students page is shown below.

Manage Students

Select School District » GISD

Generic Independent School District Schools

Select School » GES

Generic Elementary School Teachers

Select Teacher » DemoTeacher1

Add Student for DemoTeacher1

Full Name:

Class:

Student ID:

Gender: ☐ Female ☐ Male

Date of Birth: (mm/dd/yyyy)

DemoTeacher1's Students

Class	ID	Full Name	Username	Actions
1	111	demostudent1	demostudent1	Edit Delete View
1	222	demostudent2	demostudent2	Edit Delete View
1	333	demostudent3	demostudent3	Edit Delete View
1	444	demostudent4	demostudent4	Edit Delete View

3.3.3 Manage Students

Select the school from the drop down list to which you would like to add students.

Generic Independent School District Schools

Select School » ▼



Next, select the teacher at the selected school to which you want to add students.

Generic Independent School District Schools

Select School » ▼

Generic Elementary School Teachers

Select Teacher » ▼



The students currently in the SKeVA© system for the teacher will appear on the right side of the page.

Students

Select School District » ▼

DemoTeacher1's Students

Generic Independent School District Schools

Select School » ▼

Generic Elementary School Teachers

Select Teacher » ▼

Class	ID	Full Name ▼	Username	Actions		
1	111	demostudent1	demostudent1	Edit	Delete	View
1	222	demostudent2	demostudent2	Edit	Delete	View
1	333	demostudent3	demostudent3	Edit	Delete	View
1	444	demostudent4	demostudent4	Edit	Delete	View

3.3.3 Manage Students

To Add a student to the selected teacher's class, enter student information in the box below the teacher names.

Generic Elementary School Teachers

Select Teacher »	Teacher 1	Sample Teacher	Tiffani Neef
Select Teacher »	training1	training2	training3
Select Teacher »	training4	training5	sampleteacher
Select Teacher »	smaney	sample	newteacher

Add Student for Teacher 1

Full Name:

Class: Select Class ▼

Student ID:

Gender: ☐ Female ☐ Male

Date of Birth: (mm/dd/yyyy)

Ethnicity: Select Student Ethnicity ▼

Special Education Eligibility:
☐ None
 ☐ LD
 ☐ MR
 ☐ BD/ED
 ☐ VI
 Other:

Dyslexia: ☐ Yes

ELL/ESL: ☐ Yes

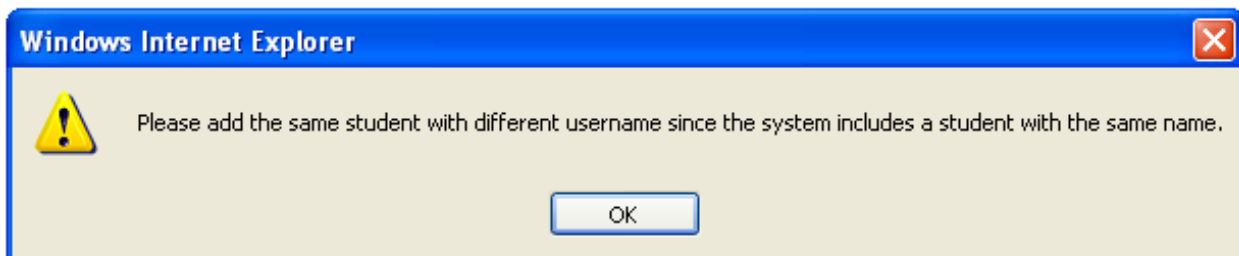
Previously Retained: ☐ Yes

Full Name (First and Last Name) and Class are information required to add the student.

You may also enter the student's PEIMS number and additional demographic information.

Click **Submit** to add the student.

If a student with the same name already exists, you will see the warning shown below.

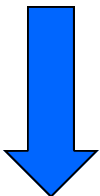


When the warning appears, you must alter the student's name. It is best to add a number to the end of the student's name or include the student's middle initial, example: johnsmith1 or johnjsmith.

3.3.3 Manage Students

Actions column

CLASS 1 Students



ID	Full Name	Username	Status		Actions	
111	demostudent1	demostudent1			Undelete	
222	demostudent2	demostudent2	Logged Out	Edit	Delete	View
333	demostudent3	demostudent3	Logged Out	Edit	Delete	View
444	demostudent4	demostudent4	Logged Out	Edit	Delete	View

LOG OUT ALL STUDENTS

Click **Delete** to remove students from class rosters, reports, and graphs.

Once deleted, students will not be able to take tests or use SKeVA©.

Click **Undelete** to return the student to your class and enable the student to use SKeVA©.

Edit allows you to edit student information.

3.3.3 Manage Students

Edit allows you to edit student information (Student Name, class, ID, demographics, etc.).

Manage Students

Select School District » GISD

Generic Independent School District Schools

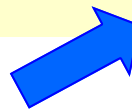
Select School » GES

Generic Elementary School Teachers

Select Teacher » DemoTeacher1

Edit Student	
District:	GISD
School:	GES
Teacher:	DemoTeacher1
Full Name:	demostudent1
Class:	1
Student ID:	111
Gender:	<input type="radio"/> Female <input type="radio"/> Male
Date of Birth:	12/31/1969 (mm/dd/yyyy)
Ethnicity:	Select Student Ethnicity
Special Education Eligibility:	<input type="checkbox"/> None <input type="checkbox"/> LD <input type="checkbox"/> MR <input type="checkbox"/> BD/ED Other:
Dyslexia:	<input type="checkbox"/> Yes
ELL/ESL:	<input type="checkbox"/> Yes
Previously Retained:	<input type="checkbox"/> Yes
Failed Science:	<input type="checkbox"/> Yes
Meal Status:	<input type="checkbox"/> Free & Reduced Lunch
Other At Risk:	<input type="checkbox"/> Yes
<input type="button" value="Update"/>	

Click **Update** when finished.



3.3.4 Assign Users

Look under User Management on the SKeVA© toolbar.
Select **Assign Users**.

The screenshot shows a web browser window displaying the Science Key Vocabulary Assessment (SKeVA) application. The browser's address bar shows 'Data to Knowledge (D2K)'. The application header includes the SKeVA logo and the text 'Science Key Vocabulary Assessment (SKeVA)'. A navigation bar at the top contains 'HOME', 'USER MANAGEMENT', and 'REPORT MANAGEMENT'. The 'USER MANAGEMENT' dropdown menu is open, showing options: 'Manage Schools', 'Manage Teachers', 'Manage Students', and 'Assign Users'. A blue arrow points to the 'Assign Users' option. Below the navigation bar, a 'SKeVA Management' panel is visible, containing two columns: 'User Management' (with links to Manage Schools, Manage Teachers, Manage Students, and Assign Users) and 'Report Management' (with links to School Gradebook Report and Teacher Gradebook Report). The footer of the application states 'SKeVA is a part of D2K: Data to Knowledge and M³: Measurement Made Meaningful' and includes the D2K logo.

3.3.4 Assign Users

After clicking **Assign Users**, you will be taken to **Manage Users**.

Science Key Vocabulary Assessment (SKeVA)

Logged in as **sampleadmin** [Logout](#)

HOME | USER MANAGEMENT | REPORT MANAGEMENT

Manage Users

Generic Independent School District Schools	Action
Generic Elementary School	Add User
sampleprincipal	Edit User

Click **Add User** and it will allow you to add a user

SKeVA is a part of D2K: Data to Knowledge and M³: Measurement
Made Meaningful

Data To Knowledge

After clicking **Add User**, the Add User box will appear on the right of your screen.

Science Key Vocabulary Assessment (SKeVA)

Logged in as **sampleadmin** [Log](#)

HOME | USER MANAGEMENT | REPORT MANAGEMENT

Manage Users

Generic Independent School District Schools	Action
Generic Elementary School	Add User
sampleprincipal	Edit User

Add User

Full Name:

Username:

Password:

E-mail:

Email Password to User: ☐

[Save](#)

To add a teacher, enter the teacher information in the highlighted fields. You must enter the teacher's *Full name* and *E-mail*.

3.3.4 Assign Users

To view teachers that have already been entered, click the school.

Science Key Vocabulary Assessment (SKeVA) Logged in as sampleadmin [Logout](#)

HOME | USER MANAGEMENT ▾ | REPORT MANAGEMENT ▾

Manage Users

Generic Independent School	District Schools	Action
Generic Elementary School		Add User
sampleprincipal		Edit User

SKeVA is a part of D2K: Data to Knowledge
Made Meaningful

HOME | USER MANAGEMENT ▾ | REPORT MANAGEMENT ▾

Click on the school to view the teachers already entered (see below)

Manage Users

Generic Independent School	District Schools	Action
Generic Elementary School		Add User
sampleprincipal		Edit User

Generic Elementary School Teachers	Action
newteacher	Edit User
sample	Edit User
Sample Teacher	Edit User
sampleteacher	Assign User
smaney	Assign User
Teacher 1	Edit User
Tiffani Neef	Edit User
training1	Edit User
training2	Edit User
training3	Edit User
training4	Edit User
training5	Edit User

Click to add teacher information

3.3.4 Assign Users

Enter teacher information in the fields.

Science Key Vocabulary Assessment (SKeVA) Logged in as sampleadmin [Logout](#)

HOME | USER MANAGEMENT | REPORT MANAGEMENT

Manage Users

Generic Independent School District Schools	Action
Generic Elementary School	Add User
sampleprincipal	Edit User

Generic Elementary School Teachers	Action
newteacher	Edit User
sample	Edit User
Sample Teacher	Edit User
sampleteacher	Assign User
smaney	Assign User
Teacher 1	Edit User
Tiffani Neef	Edit User
training1	Edit User
training2	Edit User
training3	Edit User
training4	Edit User
training5	Edit User

Add User

Full Name:

Username:

Password:

E-mail:

Email Password to User: ☐

[Save](#)

Click **Assign User** next to the teacher for which you will assign a username by entering the teacher's name and e-mail.

Click **Edit User** to create username and password for the teacher.

HOME | USER MANAGEMENT | REPORT MANAGEMENT

Manage Users

Generic Independent School District Schools	Action
Generic Elementary School	Add User
sampleprincipal	Edit User

Generic Elementary School Teachers	Action
newteacher	Edit User
sample	Edit User
Sample Teacher	Edit User
sampleteacher	Assign User
smaney	Assign User
Teacher 1	Edit User
Tiffani Neef	Edit User
training1	Edit User
training2	Edit User
training3	Edit User
training4	Edit User
training5	Edit User

Edit User

Full Name:

Username:

Password:

E-mail:

Email Password to User: ☐

[Save](#)

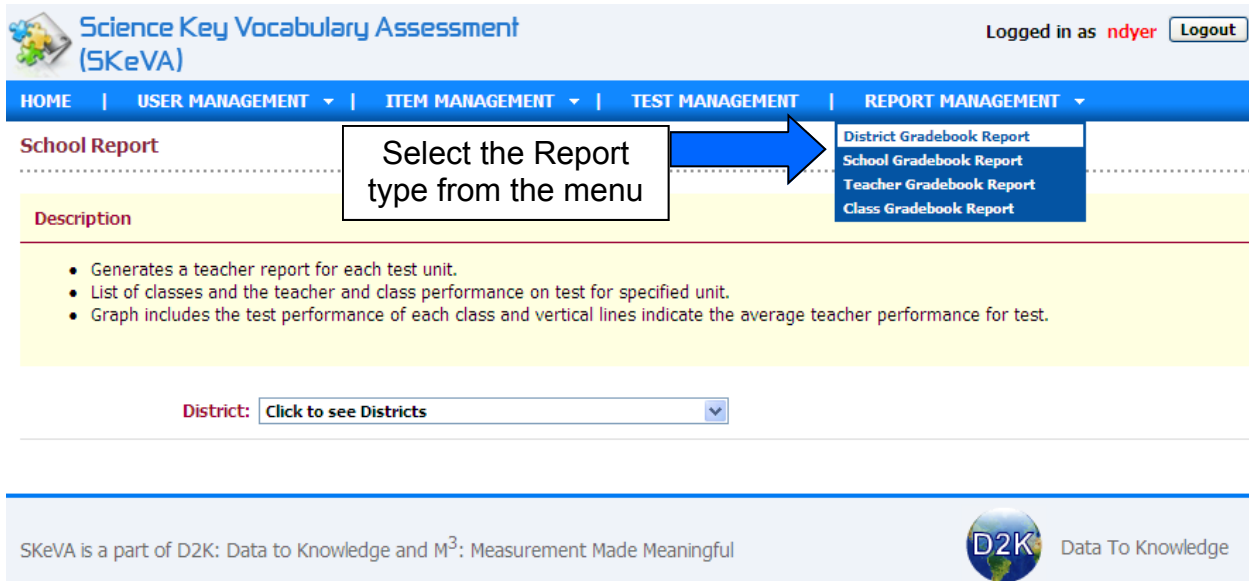
Click **Edit User** to add user-name and password

3.4 Report Management

View reports and graphs of student performance at the District, School, Teacher, and Class level.

Within each report level, view Objective and TEKS reports of student performance

3.4.1 Report Creation



Science Key Vocabulary Assessment (SKeVA) Logged in as ndyer [Logout](#)

HOME | USER MANAGEMENT | ITEM MANAGEMENT | TEST MANAGEMENT | REPORT MANAGEMENT

School Report


Select the Report type from the menu

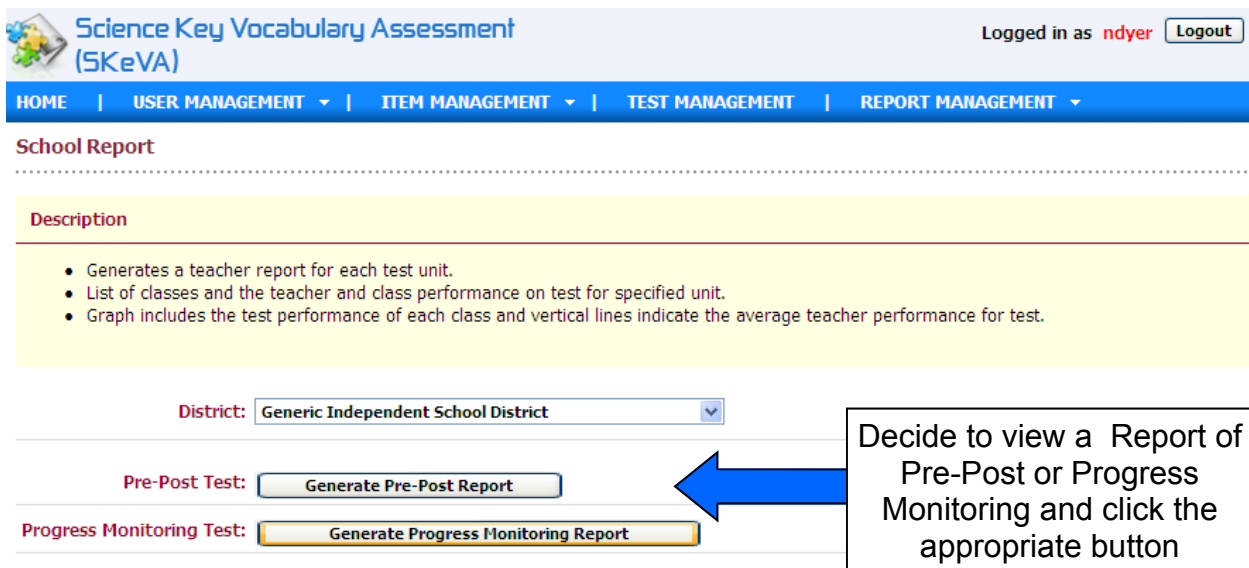
- District Gradebook Report
- School Gradebook Report
- Teacher Gradebook Report
- Class Gradebook Report

Description

- Generates a teacher report for each test unit.
- List of classes and the teacher and class performance on test for specified unit.
- Graph includes the test performance of each class and vertical lines indicate the average teacher performance for test.

District: [Click to see Districts](#)

SKeVA is a part of D2K: Data to Knowledge and M³: Measurement Made Meaningful  D2K Data To Knowledge



Science Key Vocabulary Assessment (SKeVA) Logged in as ndyer [Logout](#)

HOME | USER MANAGEMENT | ITEM MANAGEMENT | TEST MANAGEMENT | REPORT MANAGEMENT

School Report

Description

- Generates a teacher report for each test unit.
- List of classes and the teacher and class performance on test for specified unit.
- Graph includes the test performance of each class and vertical lines indicate the average teacher performance for test.

District: [Generic Independent School District](#)

Pre-Post Test: [Generate Pre-Post Report](#)

Progress Monitoring Test: [Generate Progress Monitoring Report](#)

Decide to view a Report of Pre-Post or Progress Monitoring and click the appropriate button

3.4.2 District Reports

District-level administrators can view District Reports listing student performance within all schools in the district.

A Progress Monitoring District report is shown below.

District Gradebook Report

Description

- Click "view TEKS or OBJECTIVE Report" at the top right of the page to view class TEKS or OBJECTIVE performance on pre and post tests of the specified unit.

District: Generic Independent School District

[View GRADE Line Graph](#) | [View OBJECTIVE Report](#) | [View TEKS Report](#)

School	Probe1 Correct %	Probe2 Correct %	Probe3 Correct %	Probe4 Correct %	Probe5 Correct %	Probe6 Correct %	Probe7 Correct %	Probe8 Correct %
Generic Elementary School	83 %	86.25 %	87.5 %	91.58 %	85 %	100 %		
	District Average 83 %	District Average 86.25 %	District Average 87.5 %	District Average 91.58 %	District Average 85 %	District Average 100 %	District Average 0 %	District Average 0 %

The Objective report shows the performance of students in the district in each of the TAKS Objectives.

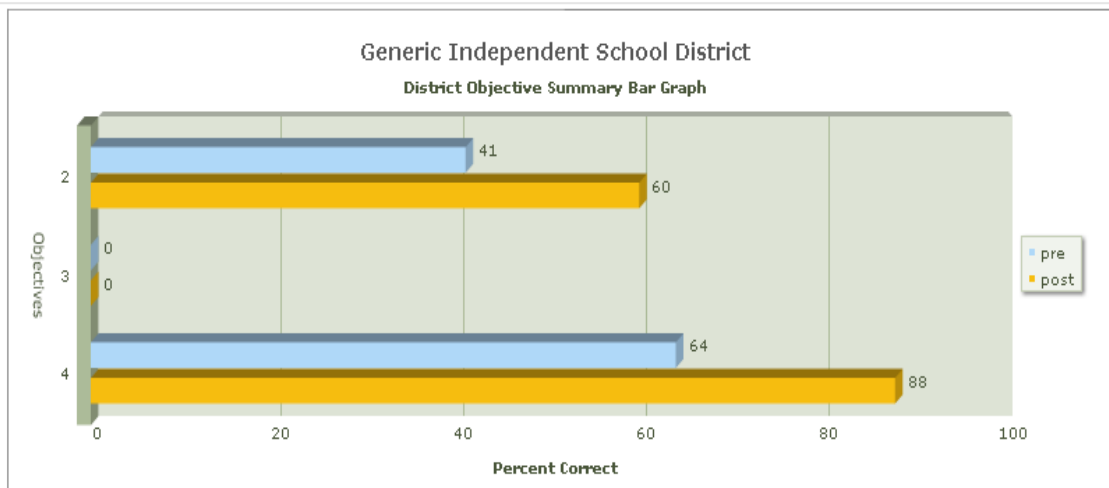
A District Pre-Post Objective report is shown below.

District OBJECTIVE Report

District: Generic Independent School District

[View Bar Graph](#)

OBJECTIVE	Pre-Test Correct	Post-Test Correct
2	40.87 %	60 %
3	0 %	0 %
4	64.29 %	87.5 %



3.4.3 School Reports

School and District-level administrators can view School Reports listing student performance for all teachers within the selected school. A School Pre-Post report is shown below.

School Gradebook Report

Description

- Click "view TEKS or OBJECTIVE Report" at the top right of the page to view class TEKS or OBJECTIVE performance on pre and post tests of the specified unit.

District: Generic Independent School District

School: Generic Elementary School

[View TEKS Graph](#) | [View OBJECTIVE Graph](#) | [View GRADE Bar Graph](#)

Teacher	Pre-Test Correct	Post-Test Correct
<25		
Tiffani Neef		
training1		
training2		
training3		
training5		
>75		
Demo Teacher1	59.38 %	60.83 %
School Average: 59.38 %		School Average: 60.83 %

When scores are not listed, it indicates the students of the teachers have not yet taken tests.

Teachers in the school are listed and sorted by student performance. Ex. (above) Students' performance across Pre-Post tests falls in the top 75th percentile compared to other students at the school.

The TEKS report shows the performance of all students in the school in each of the TEKS examined on the tests.

A School Pre-Post TEKS report is shown below.

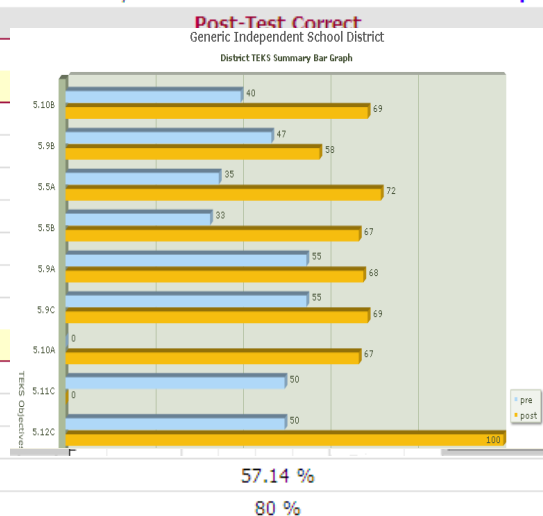
School TEKS Report

District: Generic Independent School District

School: Generic Elementary School

[View Bar Graph](#)

TEKS	Pre-Test Correct	Post-Test Correct
<25		
5.11B	22.22 %	
5.6C	60 %	
5.9A	37.5 %	
5.10B	50 %	
5.9C	25 %	
5.10A	33.33 %	
>25 & <75		
5.11C	48.89 %	
5.12B	48.6 %	
5.12D	51.85 %	
5.6A	48.28 %	
5.6B	23.08 %	



3.4.4 Teacher Reports

School and District-level administrators can view Teacher Reports, which list student performance for each teacher in the school.

A Teacher Progress Monitoring report is shown below.

District: Generic Independent School District

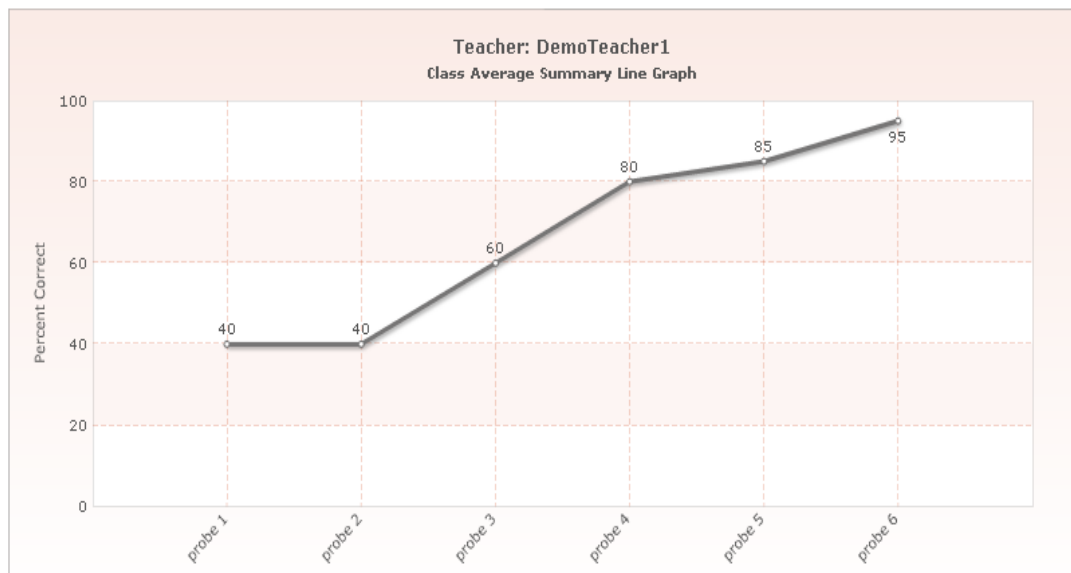
School: Generic Elementary School

Teacher: DemoTeacher1

[View GRADE Line Graph](#) | [View OBJECTIVE Report](#) | [View TEKS F](#)

Class	Probe1 Correct %	Probe2 Correct %	Probe3 Correct %	Probe4 Correct %	Probe5 Correct %	Probe6 Correct %
2						
1	40 %	40 %	60 %	80 %	85 %	95 %

Teacher Average 40 % Teacher Average 40 % Teacher Average 60 % Teacher Average 80 % Teacher Average 85 % Teacher Average 95 %



Scroll over the point for each probe to see the score.

3.4.5 Class Reports

School and District-level administrators can view Class Reports listing student performance for a specific class of the selected teacher.

A Class Progress Monitoring report is shown below.

Class Gradebook Report

Description

- Click "view TEKS Report" at the top right of the page to view class TEKS performance on pre and post tests of the specified unit.
- Click on the student's name to see the student's test performance on each of the TEKS (and graph).

District: Generic Independent School District

School: Generic Elementary School

Teacher: DemoTeacher1

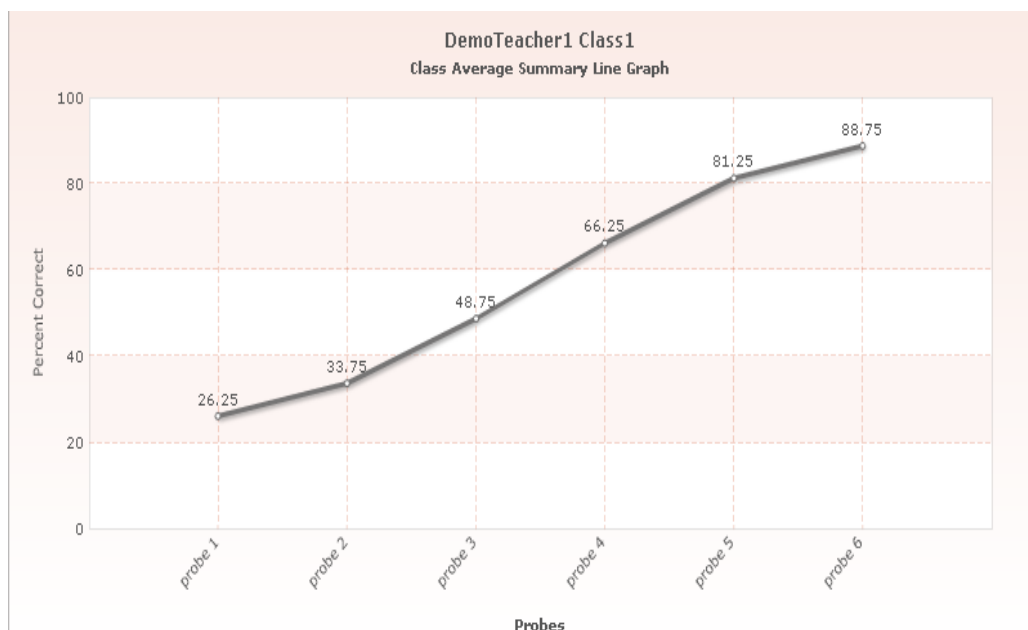
Class: 1

[View GRADE Line Graph](#)

[View OBJECTIVE Report](#)

[View TEKS F](#)

Student	Probe1 Correct %	Probe2 Correct %	Probe3 Correct %	Probe4 Correct %	Probe5 Correct %	Probe6 Correct %
<25						
demostudent4	10 %	20 %	35 %	45 %	60 %	75 %
>25 & <75						
demostudent2	15 %	25 %	40 %	70 %	85 %	95 %
demostudent3	25 %	30 %	45 %	75 %	100 %	100 %
>75						
demostudent1	55 %	60 %	75 %	75 %	80 %	85 %
<div> <div>Class Average 26.25 %</div> <div>Class Average 33.75 %</div> <div>Class Average 48.75 %</div> <div>Class Average 66.25 %</div> <div>Class Average 81.25 %</div> <div>Class Average 88.75 %</div> </div>						



4. Teachers: Using SKeVA®

4.1 SKeVA® Set-Up

4.2 Home Page Menu

4.2.1 Teacher Menu

4.2.2 My Account

4.3 Manage Students

4.3.1 Add a Student

4.3.2 View Students

4.3.3 Edit Students

4.3.4 Adding and Removing Classes

4.4 Manage Tests

4.4.1 Create Your Test

4.4.2 Created Tests

4.5 Reports and Graphs

4.5.1 Class Gradebook Reports

4.5.2 Individual Student Reports

4.6 Help

4.6.1 Message Center

4.1 SKeVA© Set-Up

The SKeVA© system has been developed to be user friendly with you and your student's success in mind. Throughout the development of SKeVA©, changes are made to enhance system clarity and efficiency. The system is divided into three parts; one, for teachers, another, for administrators, and third, for students. The teacher and administrator parts are accessed with the same login page, while the student part is accessed through a different login page.

To Access the Teacher Page:

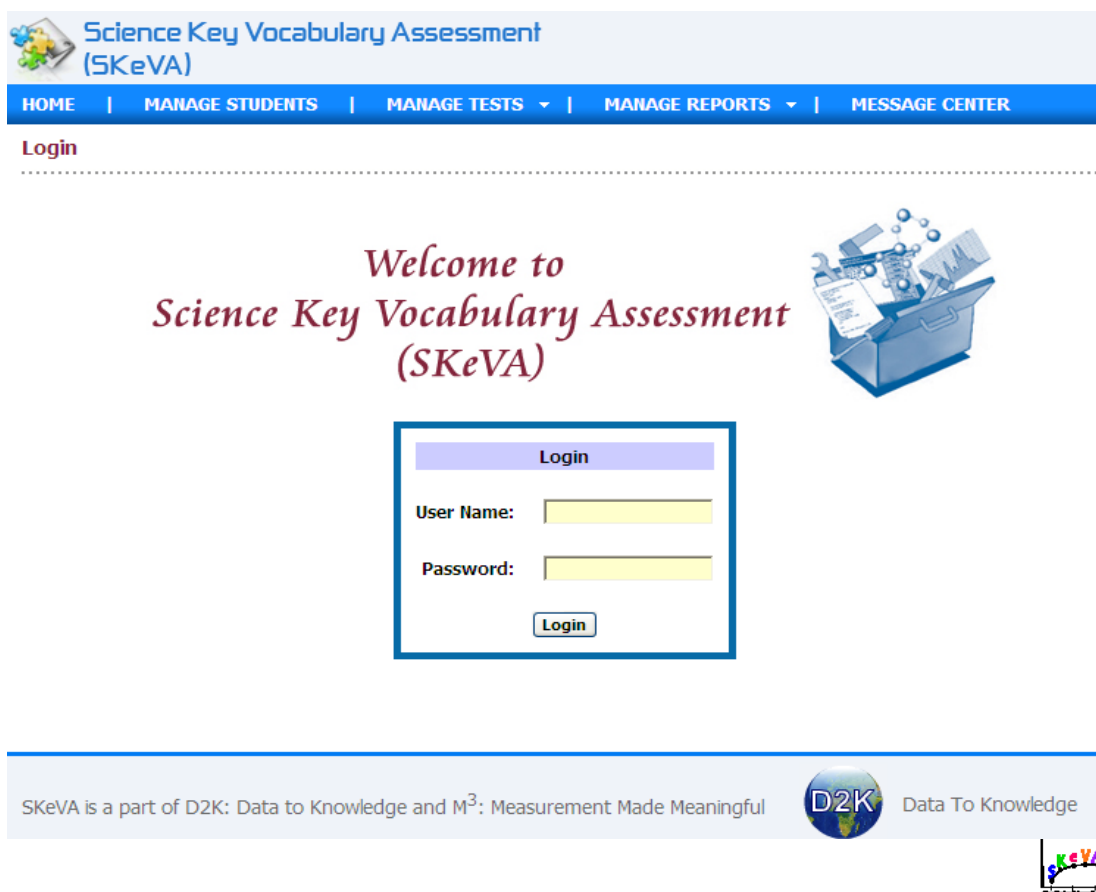
Your school administrator or the SKeVA team will add you to the system. After you are in the database, you can access the website and login using the directions that follow:

Login: <http://skeva.tamu.edu/login.php>

The default username and password are the same:

firstnameinitiallastname (no spaces) Ex. John Doe: jdoe

Users can edit their username and password once logged in.



Science Key Vocabulary Assessment (SKeVA)

HOME | MANAGE STUDENTS | MANAGE TESTS | MANAGE REPORTS | MESSAGE CENTER

Login

*Welcome to
Science Key Vocabulary Assessment
(SKeVA)*

Login

User Name:

Password:

Login

SKeVA is a part of D2K: Data to Knowledge and M³: Measurement Made Meaningful

D2K Data To Knowledge

SKeVA

4.2 Home Page Menu

From the Teacher Home page, teachers can access all functions of the SKeVA© system:

- View upcoming tests,
- Create tests and view previously created tests,
- Examine student and class test results,
- Monitor student performance

An example of the Teacher Home page is shown below.

Science Key Vocabulary Assessment (SKeVA)

Logged in as **demoteacher1** [Logout](#) [My Account](#)

[HOME](#) | [MANAGE STUDENTS](#) | [MANAGE TESTS](#) | [MANAGE REPORTS](#) | [MESSAGE CENTER](#)

TEACHER HOME

SKeVA Teacher Menu			
Manage Students	Manage Tests	Manage Reports	Help
Add/Edit Students	Create a New Test Created Tests	Rate Students' Improvement Individual Student Report Class Gradebook Report	Message Center Training Powerpoint (1 MB) User Manual (6 MB)

Upcoming Pre-Post Tests

Test Name	Class	First	Last	Student Access
Demo Pre-Post	1	Wed 4-9-08	Tue 4-22-08	Test In Progress

Upcoming Progress Monitoring Tests

Test Name	Class	First	Last	Student Access
low	1	Mon 4-7-08	Thu 5-29-08	Test In Progress

Logged in as [name]:

Shows the name of the teacher who is currently logged into SKeVA©. You should see your name here. If your name is not shown, click **Logout** to return to the login page.

Logout:

Logout logs you out of the online system. Remember to log out once you are finished using the system to prevent others from accessing your account and viewing student information.

4.2.1 Teacher Menu

Each function may be accessed through the SKeVA© Teacher Menu found on the home page or the blue drop-down menu found on the top of each page.

SKeVA Teacher Menu			
Manage Students Add/Edit Students	Manage Tests Create a New Test Created Tests	Manage Reports Rate Students' Improvement Individual Student Report Class Gradebook Report	Help Message Center Training Powerpoint (1 MB) User Manual (6 MB)

Click on each function to open a new page.

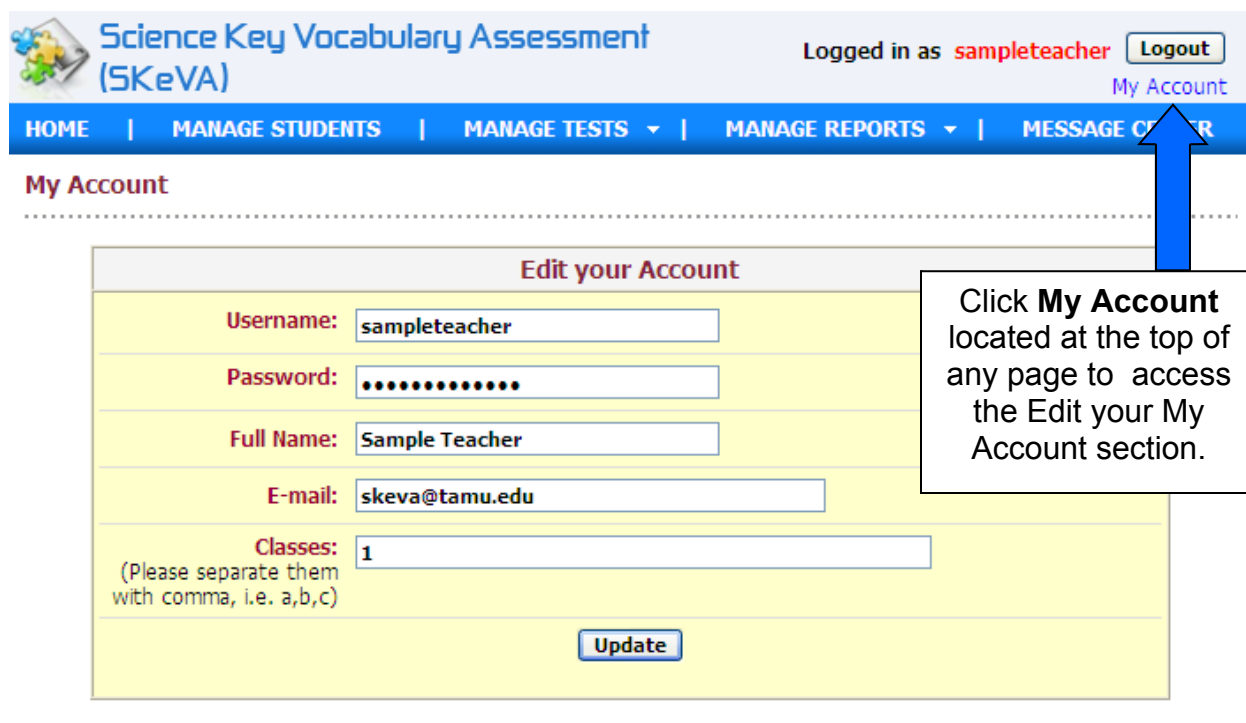
Learn about SKeVA and answer questions with the User Manual and Training Powerpoint

The Help section can only be accessed from the SKeVA© Teacher Menu on the Home page.

In the Help section you will find materials to assist your use of SKeVA©. You may download and print a copy of the most recent version of the SKeVA© User Manual. You may also download PowerPoint presentations which describe SKeVA©.

The Manage Students, Manage Tests, and Manage Reports sections will be discussed in detail later.

4.2.2 My Account



Science Key Vocabulary Assessment (SKeVA)

Logged in as **sampleteacher** [Logout](#) [My Account](#)

HOME | MANAGE STUDENTS | MANAGE TESTS | MANAGE REPORTS | MESSAGE CENTER

My Account

Edit your Account

Username:

Password:

Full Name:

E-mail:

Classes:
(Please separate them with comma, i.e. a,b,c)

Click **My Account** located at the top of any page to access the Edit your My Account section.

In the **My Account** section, you can edit your SKeVA© account information.

This function will allow you to change your username and password if you do not want the one created for you.

Please update your email address.

When finished, click **Update** to save your information.

4.3 Manage Students

The Manage Students section allows you to edit student information and add or remove students from the system.

From the Home Page, click **Add/Edit Students**.

Science Key Vocabulary Assessment (SKeVA) Logged in as **sampleteacher**

HOME | MANAGE STUDENTS | MANAGE TESTS | MANAGE REPORTS | MESSAGE CENTER

TEACHER HOME

SKeVA Teacher Menu

 Manage Students Add/Edit Students Add/Edit/Delete students to your classes	 Manage Tests Create a New Test Create Tests	 Manage Reports Rate Students' Improvement Individual Student Report Class Gradebook Report	 Help Message Center
---	--	--	---

Click to go to the Add/
Edit Student page

Below is an example of the Add/Edit Student page

Science Key Vocabulary Assessment (SKeVA) Logged in as **demoteacher1** [Logout](#)

HOME | MANAGE STUDENTS | MANAGE TESTS | MANAGE REPORTS | MESSAGE CENTER

Add/Edit Students

Select Class » **1**

Add Student

Full Name:

Class: **Select Class** ▼

Student ID:

Gender: ☐ Female ☐ Male

Date of Birth: (mm/dd/yyyy)

Ethnicity: **Select Student Ethnicity** ▼

Special Education Eligibility: ☐ None ☐ LD ☐ MR ☐ BD/ED ☐ VI
Other:

Dyslexia: ☐ Yes

ELL/ESL: ☐ Yes

Previously ☐ Yes

CLASS 1 Students

ID	Full Name	Username	Status	Actions		
111	demostudent1	demostudent1	Logged Out	Edit	Delete	View
222	demostudent2	demostudent2	Logged Out	Edit	Delete	View
333	demostudent3	demostudent3	Logged Out	Edit	Delete	View
444	demostudent4	demostudent4	Logged Out	Edit	Delete	View

[LOG OUT ALL STUDENTS](#)

4.3.1 Add a student

The **Full Name** and **Class** fields are required to be completed to add a student. It is recommend that you complete the other demographic information.

When finished entering information, click the **Submit** button.

Add all students before tests are created.

HOME |
MANAGE STUDENTS |
MANAGE TESTS ▾ |
MA

Add/Edit Students

Select Class » 1

Add Student

Full Name:

Class:

Student ID:

Gender: ☐ Female ☐ Male

Date of Birth: (mm/dd/yyyy)

Ethnicity:

Special Education Eligibility: ☐ None ☐ LD ☐ MR ☐ BD/ED ☐ VI
Other:

Dyslexia: ☐ Yes

ELL/ESL: ☐ Yes

Previously Retained: ☐ Yes

Failed Science: ☐ Yes

Meal Status: ☐ Free & Reduced Lunch

Other At Risk: ☐ Yes

Enter Student Name, Class, and other demographic information.

Click **Submit** when finished to add the student

4.3.2 View Students

Add/Edit Students

Select class to view students in the class.

Select Class » 1 ▾

Students in the class selected will appear in a column to the right.

Click ID or Full Name to sort students by ID or Full Name

Click to View Student page

Click to log out students already logged in

CLASS 1 Students

ID	Full Name	Username	Status	Actions
111	demostudent1	demostudent1	Logged Out	Edit Delete View
222	demostudent2	demostudent2	Logged Out	Edit Delete View
333	demostudent3	demostudent3	Logged Out	Edit Delete View
444	demostudent4	demostudent4	Logged Out	Edit Delete View

LOG OUT ALL STUDENTS

LOG OUT ALL STUDENTS

Click this button if a warning message indicates the student is already logged in.

If other students are taking the test, they will NOT be logged out.

To prevent student Log-In problems: Log-Out All Students before taking the tests.

Delete Students

Click **Delete** to remove students from class rosters, reports, and graphs.

Once deleted, students will not be able to take tests or use SKeVA®.

Click **Undelete** to return the student to your class and enable the student to use SKeVA®.

ID	Full Name	Username	Status	Actions
111	demostudent1	demostudent1		Undelete
222	demostudent2	demostudent2	Logged Out	Edit Delete View

4.3.3 Edit Students


Click on the **Edit** button in the Actions column next to the student you would like to edit

Your Students

StudentID	Full Name	Class	Username	Actions
0	sample student2	1	samplestudent2	Edit
0	sample student3	1	samplestudent3	Edit Delete
0	sample student4	1	samplestudent4	Edit Delete
0	samplestudent1	1	samplestudent1	Edit Delete

Then, the Edit Student box will appear on the right side of the screen. (shown below)

When finished, click **Update** to update student information.


Science Key Vocabulary Assessment (SKeVA)

Logged in as **sampleteacher**
[Logout](#)
[My Account](#)

[HOME](#) | [MANAGE STUDENTS](#) | [MANAGE TESTS](#) | [MANAGE REPORTS](#) | [MESSAGE CENTER](#)

Add/Edit Students

Select Class »

1

Edit Student

Full Name:

Class:

Student ID:

Gender: ☐ Female ☐ Male

Date of Birth: (mm/dd/yyyy)

Ethnicity:

Special Education Eligibility:
☐ None
 ☐ LD
 ☐ MR
 ☐ BD/ED
 ☐ VI
 Other:

Dyslexia: ☐ Yes

ELL/ESL: ☐ Yes

Previously Retained: ☐ Yes

Failed Science: ☐ Yes

Meal Status: ☐ Free & Reduced Lunch

Other At Risk: ☐ Yes

4.3.4 Adding and Removing Classes

Go to the My Accounts (located above the blue menu bar located on all pages) to open the **Edit your Account** section.

Edit classes in the classes field.

Enter or Delete the class period you would like to add or remove.

Remember to separate each class period with a comma

The class name can be a numeral or text (i.e., teacher or cluster name)

Establish appropriate class names before tests are created

Do not change the class name after tests are created. When a class name is changes, the test results before the class name was changed may no longer be available.

Click **Update** to save your changes.

Science Key Vocabulary Assessment (SKeVA)

Logged in as **sampleteacher** [Logout](#)

[My Account](#)

[HOME](#) | [MANAGE STUDENTS](#) | [MANAGE TESTS](#) | [MANAGE REPORTS](#) | [MESSAGE CENTER](#)

My Account

Edit your Account

Username:

Password:

Full Name:

E-mail:

Classes:
(Please separate them with comma, i.e. a,b,c)

[Update](#)

Add or Remove classes by entering class periods separated by a comma

4.4 Manage Tests

After logging in, you will automatically be brought to the page shown below.

Science Key Vocabulary Assessment (SKeVA)

Logged in as **sampleteacher** [Logout](#) [My Account](#)

[HOME](#) | [MANAGE STUDENTS](#) | [MANAGE TESTS](#) | [MANAGE REPORTS](#) | [MESSAGE CENTER](#)

TEACHER HOME

SKeVA Teacher Menu

Manage Students Add/Edit Students	Manage Tests Create a New Test Created Tests	Manage Reports Rate Students' Improvement Individual Student Report Class Gradebook Report	Help Message Center
---	---	--	-------------------------------

Click Create a New Test to create a test for your students

No Upcoming Pre-Post Tests

Upcoming Progress Monitoring Tests

Test Name	Class	First	Last	Student Access
Objective 2	1	Fri 1-25-08	Fri 4-25-08	<input checked="" type="radio"/> Yes <input type="radio"/> No
Earth Science	1	Thu 1-31-08	Fri 3-7-08	Test In Progress
practice pm 01-16-08	1	Tue 1-1-08	Fri 2-29-08	Test In Progress
objective2TAKS	1	Mon 1-28-08	Fri 2-29-08	<input checked="" type="radio"/> Yes <input type="radio"/> No

Click **Create a New Test** to create a new test for your students

Tests are created with three easy steps

1. Set up test characteristics such as the test name, date, optional instructions, creating progress monitoring or pre/post test, and classes.
2. Next, select the TEKS and TAKS Objectives to be included on the test.
3. Finally, select the Keywords that will be on the test. You will then choose from these keywords. The number of keywords to select will vary depending on if it is a Pre-Post test or Progress Monitoring test.

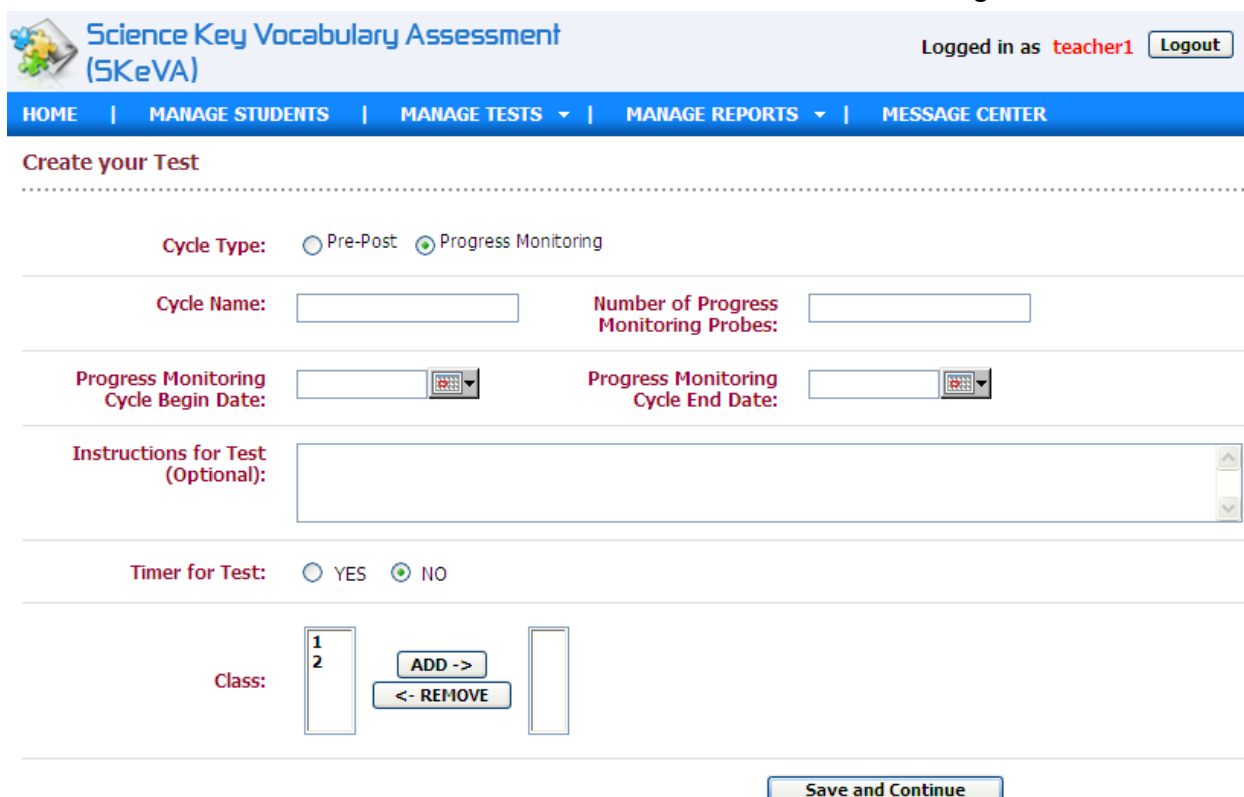
After creating the test, it will appear in the Upcoming Tests section on the Home page shown above.

The **Created Tests** page allows you to view all created tests and students' status on test completion.

4.4.1 Create Your Test

First, specify test characteristics and complete all sections to create a test.

Remember to add students and correct class names before creating tests.



The screenshot shows the 'Create your Test' interface of the Science Key Vocabulary Assessment (SKeVA) system. At the top, there is a header with the SKeVA logo, the text 'Science Key Vocabulary Assessment (SKeVA)', and a user login status 'Logged in as teacher1' with a 'Logout' button. Below the header is a blue navigation bar with links: HOME, MANAGE STUDENTS, MANAGE TESTS (selected), MANAGE REPORTS, and MESSAGE CENTER. The main section is titled 'Create your Test'. It contains several form fields: 'Cycle Type' with radio buttons for 'Pre-Post' and 'Progress Monitoring' (selected); 'Cycle Name' and 'Number of Progress Monitoring Probes' text input fields; 'Progress Monitoring Cycle Begin Date' and 'Progress Monitoring Cycle End Date' date pickers; a large text area for 'Instructions for Test (Optional)'; 'Timer for Test' with radio buttons for 'YES' and 'NO' (selected); and a 'Class' selection area with a list box containing '1' and '2', 'ADD ->' and '<- REMOVE' buttons, and another empty list box. At the bottom right is a 'Save and Continue' button.

Will you use Pre-Post tests or Progress Monitoring probes? (Cycle Type)

The bubble next to the test type turns green when selected.

Progress Monitoring Probes:

Enter the number of probes you want to measure student progress
(between 6 and 12 probes)

Enter a name to help you identify and label the tests in the unit (Cycle Name)

When do you intend to begin and end the unit? (Enter Begin and End Dates)

You can include specialized instructions for your classes. (Optional)

Do you want students see the timer when taking tests? (Timer for Test)

Which class(es) do you want to create the test for? Select classes, then click **Add**

Click **Save and Continue** to select the test content.

4.4.1 Create Your Test

Selecting TAKS and TEKS Objectives

Select Objective(s) and TEKS(s)

Description

- To create the test you may select Objectives and/or TEKS by clicking the check boxes next to them. Each time you select an Objective(s), the page will refresh to show the TEK(s) related to your selection.
- Click '**Submit**' at the bottom of the page when you are satisfied with your selection.

By Objective

- ☐ 1. Science Processes/Nature of Science: Methods, Tools, Graphs, Tables, Critical Thinking, Problem Solving
- ☐ 2. Life Science: Genetics and Adaptations, Habitat and Niche
- ☐ 3. Physical Science: Energy Forms, Matter, Forces, Physical Properties
- ☒ 4. Earth Science: Earth Processes, Solar System, Past and Present, Cycles

After selecting, the page refreshes to include TEKS related to your selection

By TEKS

- ☐ 5.11A Identify and observe actions that require time for changes to be measurable, including growth, erosion, dissolving, weathering, and flow
- ☐ 5.11B Draw conclusions about "what happened before" using data such as from tree-growth rings and sedimentary rock sequences
- ☐ 5.11C Identify past events that led to the formation of the Earth's renewable, non-renewable, and inexhaustible resources
- ☐ 5.12A Interpret how land forms are the result of a combination of constructive and destructive forces such as deposition of sediment and weathering
- ☐ 5.12B Describe processes responsible for the formation of coal, oil, gas, and minerals
- ☐ 5.12C Identify the physical characteristics of the Earth and compare them to the physical characteristics of the moon
- ☐ 5.12D Identify gravity as the force that keeps planets in orbit around the Sun and the moon in orbit around the Earth

Create tests to match your instructional/assessment needs.

Select content based on TAKS Objectives and TEKS Objectives.

Click the box next to the test content you want to include on your test.

A green checkmark will appear in the box next to the content you selected.

If you decide you no longer want to include an option you selected, click on the box again to remove that option from the content included on your test.

Click **Continue**. (wait a moment for next page to load)

4.4.1 Create Your Test

Keyword Selection

Select Keywords and Generate a Test

Selection Guidelines

- *Minimum* of 7 keywords per unit
 - There will be little variation of keywords on tests
 - When fewer keywords are selected, it is more likely that keywords will be repeated across tests
- *Maximum* of 14 keywords selected/unit
 - There will be a greater variety of keywords represented on tests
 - When many keywords are selected, it is difficult to measure changes in student knowledge because the content area being tested is too broad

Objective and TEKS previously selected

Objective(s): 3

TEKS(s): 5.11C, 5.12C, 5.2B

Keyword Counter

Place your cursor over the keyword to see the list of TEKS it relates to

By Keyword

Keywords # 1

<input checked="" type="checkbox"/> Accurate	<input type="checkbox"/> Diamond	<input type="checkbox"/> Moon	<input type="checkbox"/> Resource
<input type="checkbox"/> Asteroids	<input type="checkbox"/> Earth	<input type="checkbox"/> Mountain	<input type="checkbox"/> Reuse
<input type="checkbox"/> Astronomy	<input type="checkbox"/> Erosion	<input type="checkbox"/> Natural gas	<input type="checkbox"/> Revolution
<input type="checkbox"/> Atmosphere	<input type="checkbox"/> Estimate	<input type="checkbox"/> Natural resources	<input type="checkbox"/> Rocks
<input type="checkbox"/> Axis	<input type="checkbox"/> Fossil fuels	<input type="checkbox"/> Nonrenewable resource	<input type="checkbox"/> Rotation

Select keywords to include on your students probes

Put your mouse cursor over the keyword to see the list of TEKS it includes

A Keyword Counter helps you keep track of the number of keywords selected

Recommended Pre-Post Keyword Selection Guidelines

Minimum of 10 keywords per unit: Keywords represented in the probes will be more likely to be repeated

Maximum of 14 keywords selected/unit: Greater variety of keywords represented on probes with longer units

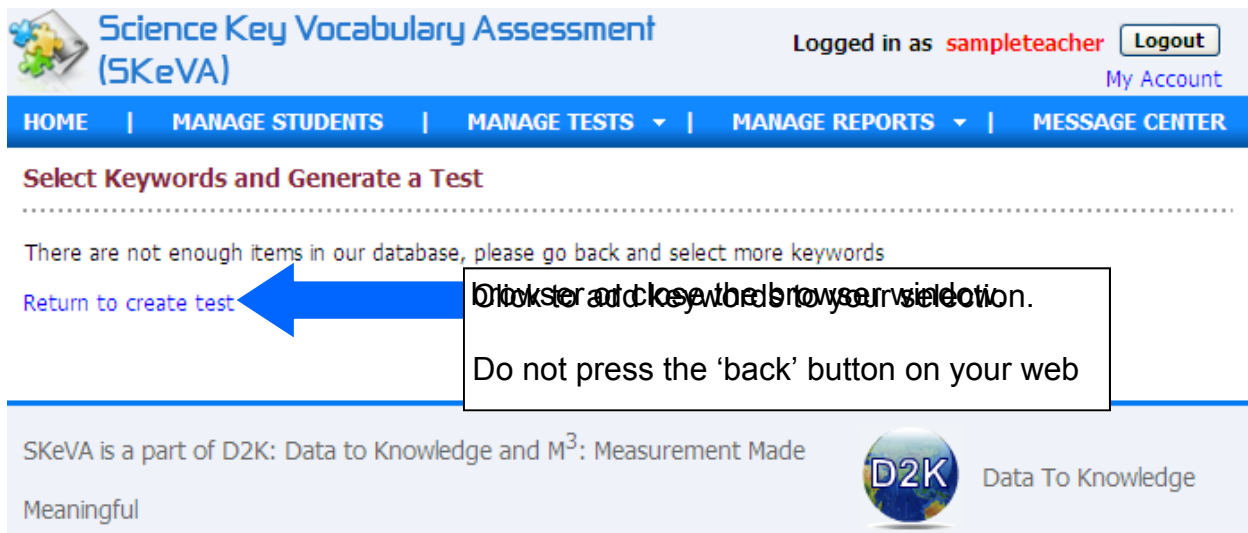
Recommended Progress Monitoring Selection Guidelines

Minimum of 36 keywords per unit: There will be little variation of keywords on probes and Keywords are more likely to repeat across probes

Maximum of 54 keywords selected/unit: A greater variety of keywords represented on probes and it is difficult to measure changes in student knowledge because the content area being tested is too broad

4.4.1 Create Your Test

Troubleshooting: Create A New Test



The screenshot shows the SKeVA web application interface. At the top, it says "Science Key Vocabulary Assessment (SKeVA)" and "Logged in as sampleteacher" with a "Logout" button. Below this is a navigation bar with links: HOME, MANAGE STUDENTS, MANAGE TESTS, MANAGE REPORTS, and MESSAGE CENTER. The main content area is titled "Select Keywords and Generate a Test". A message states: "There are not enough items in our database, please go back and select more keywords". Below this message is a blue arrow pointing left to a link that says "Return to create test". A text box with a black border contains the following text: "Do not press the 'back' button on your web browser or close the browser window." The footer of the page includes the text "SKeVA is a part of D2K: Data to Knowledge and M³: Measurement Made Meaningful" and a logo for "D2K Data To Knowledge".

Problem:

If not enough items are in the databank to create tests based on the content you selected, you will see a warning

Solution:

Add content to test selection (consider adding Objective 1 TEKS)

Click the button at the bottom of the page to return to "Create New Test"

If you do not click Create New Test, delete the test and create a new test

Adjust the content selected for your test

Prevention:

Compose tests of 2 or more TEKS

4.4.1 Create Your Test

Sample Student Test Page

SKeVA: Science Key Vocabulary Assessment

sample student3,

1. Please read the **questions** and **answer choices** carefully.
2. Pick the best **keyword** choice, and type the letter in the blank that correctly answers the question. Each answer may be used only once.
3. When you have answered a group of questions on each page, please hit the button labeled **SAVE and CONTINUE**.
4. When you have answered the last group of the questions, please hit the button labeled **FINISH** to complete the test and see your score.

Your Teacher's Instructions
Personalized Instructions

QUESTIONS	KEYWORDS
1. <input type="text" value="d"/> are substances that are formed over millions of years from the remains of dead organisms.	A. fossil fuels
2. <input type="text" value="l"/> is a type of fuel that can be burned in power plants to make heat or electricity.	B. revolution
3. <input type="text" value=""/> is a fossil fuel formed over many years in layers of sedimentary rock and is used to make gasoline or jet fuel.	C. low tide
4. A(n) <input type="text" value=""/> occurs two times a day when the level of the ocean is lower.	D. coal
5. A natural energy source used to run machines and that can be a product of crude oil is called <input type="text" value=""/> .	E. fuel
	F. oil

SAVE and CONTINUE

Test Format

Pre-Post and Progress Monitoring probes have the same test format.

All students take the same test (Keywords and Items are identical).

There are 20 items on each test with 5 items presented at a time.

Six answer choices are available to choose from with one answer left over.

Item Format

The items are fill in blank and students choose keywords to complete the sentence.

The items are based on keyword definitions and important usages

The Keyword is selected by dragging and dropping it into the blank or typing the letter corresponding to the answer into the blank.

4.4.1 Create Your Test

After creating a test, you may confirm test creation by viewing the Upcoming Tests section on the Home page.

Upcoming Tests

Upcoming Tests can be seen from the Teacher Home page.

No Upcoming Pre-Post Tests

Upcoming Progress Monitoring Tests

Test Name	Class	First	Last	Student Access
Objective 2	1	Fri 1-25-08	Fri 4-25-08	<input checked="" type="radio"/> Yes <input type="radio"/> No
Earth Science	1	Thu 1-31-08	Fri 3-7-08	Test In Progress
practice pm 01-16-08	1	Tue 1-1-08	Fri 2-29-08	Test In Progress
objective2TAKS	1	Mon 1-28-08	Fri 2-29-08	<input checked="" type="radio"/> Yes <input type="radio"/> No

Remember to Click **Yes** to allow students to view the test on the Student Page

The Upcoming Tests sections list the tests that have been made for your students to take or have not yet been completed by your students.

The Test Name is a name you provided to help you identify the test

The Class column shows the class for which the test was created.

The dates are the days planned for students to take the test.

Student Access allows teachers to control the tests students may access.

If Yes is marked, students can view and take tests from the student page.

If No is marked, the test will not appear on the student page.

Test In Progress will appear in the Student Access column if some students have already taken the test.

4.4.2 Created Tests

Test creation may also be confirmed by viewing the Created Tests section.

The Created Tests can be accessed by clicking **Created Tests** under Manage Tests in the blue drop-down menu or by going to Manage Tests in the Teacher Menu found on the Home page. The Created Tests section shows all tests that have been created for your students.

Science Key Vocabulary Assessment (SKeVA)

Logged in as **sampleteacher** [Logout](#) [My Account](#)

HOME | MANAGE STUDENTS | MANAGE TESTS | MANAGE REPORTS | MESSAGE CENTER

CREATED TESTS [Create a New Test](#) [Created Tests](#)

- Remember to confirm the selection criteria you used to create your test! When the Selection column is blank, there was a problem with test creation and students will not be able to take this test. If the Selection column is blank, delete the test and create a new test.

Test Name	Test Type	Class	Selection	
Objective 2	Progress Monitoring	1	Objective: 2	Edit --- Delete
Earth Science	Progress Monitoring	1	Objective: 4 ~ TEKS: 5.11A,5.11B,5.11C,5.12A,5.12B,5.12C,5.12D,5.2B,5.3E,5.5A,5.5B,5.6A	Edit --- View Student Status
practice pm 01-16-08	Progress Monitoring	1	Objective: 1	Edit --- View Student Status
objective2TAKS	Progress Monitoring	1	Objective: 2	Edit --- Delete

Make sure test selection criteria is listed. If blank, delete test and create a new test.

Click **View Student Status** to change test content before students take test and click to add additional Progress Monitoring probes anytime.

Test Type indicated if a test is Pre-Post or Progress Monitoring.

The Selection column lists the selection criteria used to create a test.

If test selection criteria are not listed, there was a problem with test creation.
Delete the test and begin creating a new test.

Click **Edit** to edit test content before students take the first test.

Additional Progress Monitoring probes can be added to your Progress Monitoring unit at any time.

Click **Delete** to delete the test. CAUTION: Deleting the test will delete all other student information related to the test.

4.4.2 Created Tests

WARNING: If the selection column is blank, an error occurred during the create a test phase.

After creating your test, be sure to go to the Created Test section and view the Created Test table. If selection column in blank, you will need to Delete the test, and make a new one.

Created Tests

Test Name	Test Type	Class	Selection	
samplemanual	Pre-Post	Room A		<div>Edit --- Delete</div>

If Selection Column is blank,
you will need to delete the
test by clicking **Delete**

4.4.2 Created Tests

View Student Status

Click **View Student Status** to determine if tests for the students in the class are: Completed, In Progress, or Not Taken.

Science Key Vocabulary Assessment (SKeVA) Logged in as sampleteacher [Logout](#)
[My Account](#)

HOME | MANAGE STUDENTS | MANAGE TESTS ▾ | MANAGE REPORTS ▾ | MESSAGE CENTER

CREATED TESTS [Create a New Test](#) [Created Tests](#)

- Remember to confirm the selection criteria you used to create your test! When the Selection column is blank, there was a problem with test creation and students will not be able to take this test. If the Selection column is blank, delete the test and create a new test.

Click View Student Status to change test content before students take test or add additional Progress Monitoring probes anytime.

Created Tests

Test Name	Test Type	Class	Selection	
Objective 2	Progress Monitoring	1	Objective: 2	Edit --- Delete
Earth Science	Progress Monitoring	1	Objective: 4 ~ TEKS: 5.11A,5.11B,5.11C,5.12A,5.12B,5.12C,5.12D,5.2B,5.3E,5.5A,5.5B,5.6A	Edit --- View Student Status
practice pm 01-16-08	Progress Monitoring	1	Objective: 1	Edit --- View Student Status
objective2TAKS	Progress Monitoring	1	Objective: 2	Edit --- Delete

Shows students who have completed the test probe, students whose test is in progress, and student who have not taken the test probe yet.

HOME | MANAGE STUDENTS | MANAGE TESTS ▾ | MANAGE RE

CLASS: 1 ----- TEST: Pre/Post_2

View Student Status

demostudent1: Has Not Taken both Pre and Post-tests

demostudent3: Has Completed both Pre and Post-tests

Demostudent4: Has started, but not finished the Pre-test

Student Name	Pre	Post
demostudent1	Not taken	Not taken
demostudent2	Not taken	Not taken
demostudent3	Completed	Completed
demostudent4	In Progress	Not taken

4.5 Reports and Graphs

The Manage Reports section has reports and graphs of your students' performance, which can help you monitor students' progress and make instructional decisions.

Separate reports are created for Pre-Post Tests and Progress Monitoring Probes.

There are two reporting functions: Class Reports and Individual Student Reports.

4.5.1 Class Gradebook Report

Generates class reports, tables, and graphs for each unit and across the school year. Class Gradebook Report shows the class average and each student's performance. Also, other reports are created to view class performance on TEKS, Objectives, or Keywords on tests. Students in the Bottom and Top 25th percentile of the class are shown.

The screenshot shows the SKeVA web interface. At the top is a blue navigation bar with links: HOME, MANAGE STUDENTS, MANAGE TESTS (with a dropdown arrow), MANAGE REPORTS (with a dropdown arrow), and MESSAGE CENTER. Below this, a sub-menu is open under 'MANAGE REPORTS', showing 'Individual Student Report' and 'Class Gradebook Report' (which is highlighted). The main content area has a yellow background and is titled 'Class Gradebook Report'. Under the title, there is a 'Description' section with a list of bullet points:

- Generates a class report for each pre/post test unit.
- List of students in class and the individual and class performance on pre and post test for specified unit.
- Graph includes the pre and post test performance of each student in class and vertical lines indicate the average class performance for each pre/post test.

 Below the description, there are two rows of controls. The first row has a 'Class:' label followed by a dropdown menu showing '1'. The second row has a 'Pre-Post Test:' label followed by a dropdown menu showing 'Pre Post Example' and a button labeled 'Generate Pre-Post Report'. The third row has a 'Growth Watch Test:' label followed by a dropdown menu showing 'Progress Monitoring' and a button labeled 'Generate Growth Watch Report'.

How To Create Reports

Select **Class Report** from the drop-down menu.

Choose the class from the drop-down menu to include in the class report.

Select tests from the drop-down menu to include in the report for the selected class(es).

Click **Generate Report** to view reports and graphs of your students' performance.



Ability Grouping

Class: 1		Test: Progress Monitoring					
	TEKS	Probe1 Correct %	Probe2 Correct %	Probe3 Correct %	Probe4 Correct %	Probe5 Correct %	Probe6 Correct %
		<25					
<input type="checkbox"/>	5.11A	5 / 20 25 %	2 / 12 16.67 %	9 / 18 50 %	11 / 18 61.11 %	9 / 15 60 %	17 / 18 94.44 %

Reports show students receiving a score below 25%, above 75%, between 25-75%

Class Reports sorted by Inter-Quartile Range (IQR)

Lists students in Bottom 25th percentile, Top 25th percentile, and Middle 50th percentile on class report.

TAKS, TEKS, or Keywords are organized by percentage of students who answered items relating to each of the TAKS, TEKS, or Keywords listed correctly

Ex.) Less than 25% of students in class 1 answered items related to TEKS 5.11A correctly (see picture above)

Class Gradebook Report: Progress Monitoring

Class Gradebook Report

Description

- Click "View TEKS Report" at the top right of the page to view class TEKS performance on progress monitoring of the specified unit.

Class: 1

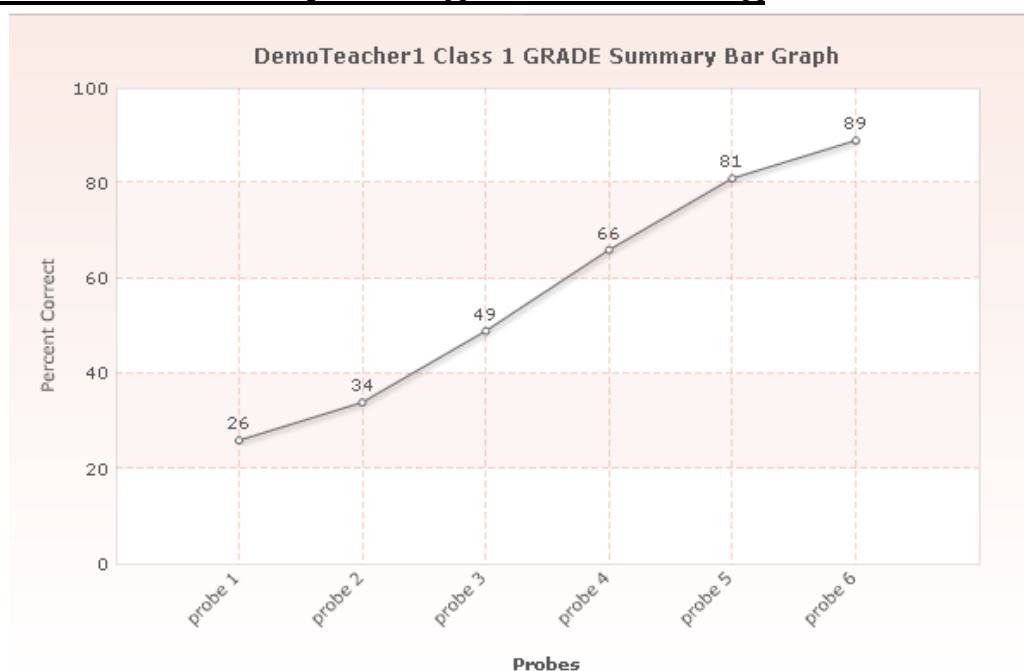
Test: Progress Monitoring 1

[View GRADE Line Graph](#) [View OBJECTIVE Report](#) [View TEKS Report](#)

Student	Probe1 Correct %	Probe2 Correct %	Probe3 Correct %	Probe4 Correct %	Probe5 Correct %	Probe6 Correct %
<25						
demostudent4	10 %	20 %	35 %	45 %	60 %	75 %
>25 & <75						
demostudent2	15 %	25 %	40 %	70 %	85 %	95 %
demostudent3	25 %	30 %	45 %	75 %	100 %	100 %
>75						
demostudent1	55 %	60 %	75 %	75 %	80 %	85 %
Class Average 26.25 Class Average 33.75 Class Average 48.75 Class Average 66.25 Class Average 81.25 Class Average 88.75						

A visual graph can be seen by clicking **View Grade Bar Graph**. Progress Monitoring test performance is shown on line graph.

Class Gradebook Graph: Progress Monitoring

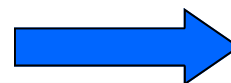


Class Objective Report: Progress Monitoring

Class OBJECTIVE Report

Class: 1

Test: Progress Monitoring 1

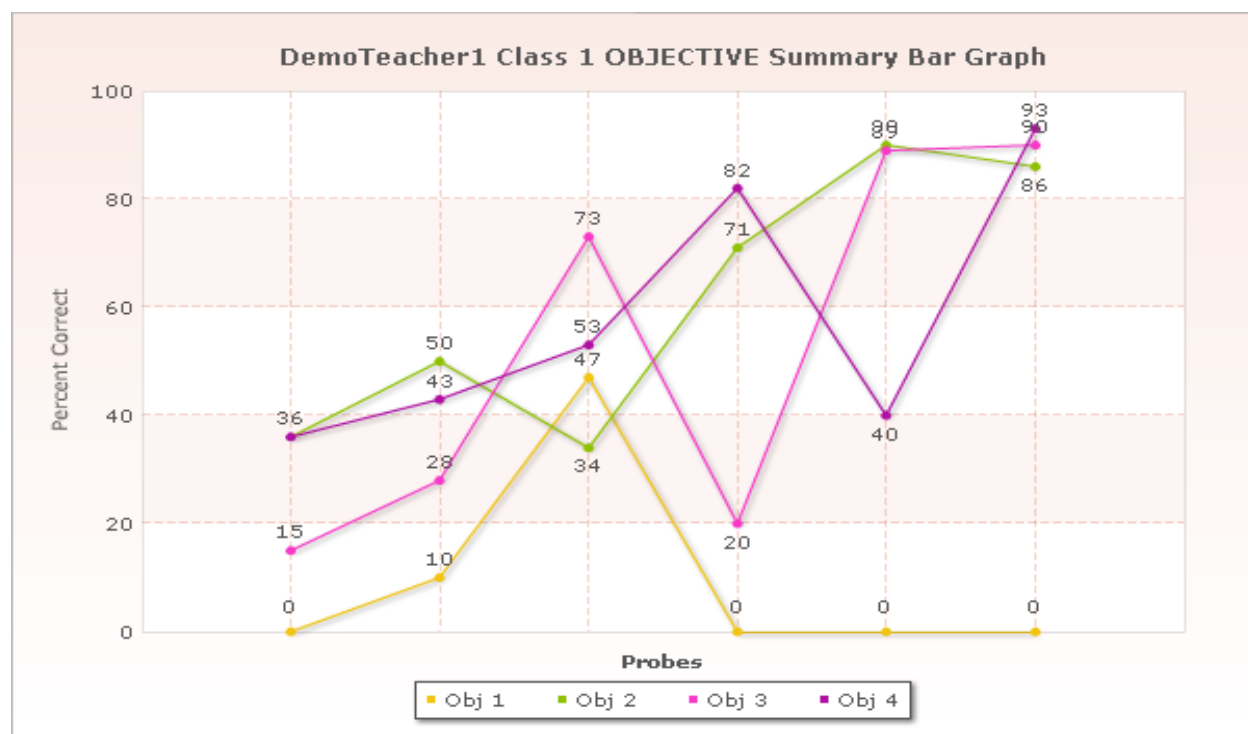
[View Line Graph](#)

Objective	Probe1 Correct %	Probe2 Correct %	Probe3 Correct %	Probe4 Correct %	Probe5 Correct %	Probe6 Correct %
1		10	46.67			
2	36	50	34.29	70.91	90	85.71
3	15	27.5	73.33	20	88.57	90
4	36	43.33	52.73	82	40	92.73

Class Objective Graph: Progress Monitoring

Click **View Line Graph** to see the Class Objective progress monitoring graph.

The graph shows the rate of student learning on each Objective across the tests.



Class TEKS Report and Graph: Progress Monitoring

Class TEKS Report

Description

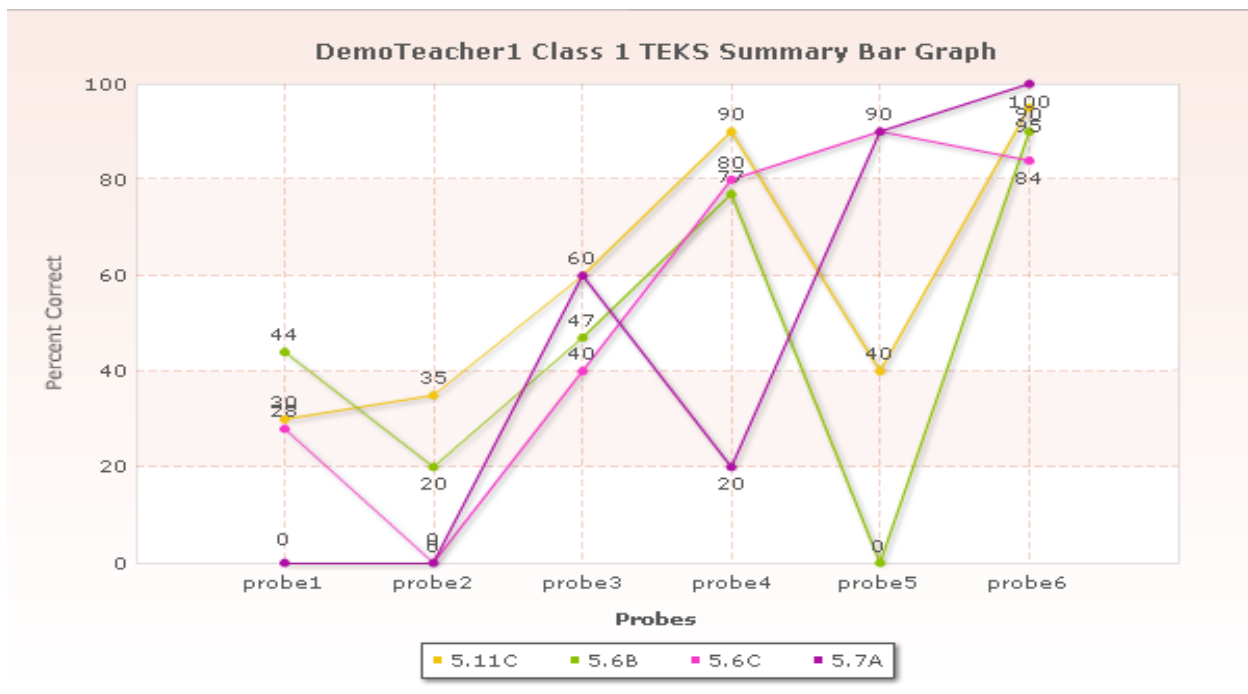
- Select up to 4 TEKS to view on the graph.

Class: 1		Test: Progress Monitor					
	TEKS	Probe1 Total Correct%	Probe2 Total Correct%	Probe3 Total Correct%	Probe4 Total Correct%	Probe5 Total Correct%	Probe6 Total Correct%
<25							
<input type="checkbox"/>	5.12B			1 60 %			
<input type="checkbox"/>	5.8B	1 20 %	3 26.67 %				
<input type="checkbox"/>	5.9B			1 20 %			
<input type="checkbox"/>	5.9C			1 20 %			
>25 & <75							
<input type="checkbox"/>	5.11A	5 25 %	4 16.67 %	6 50 %	6 61.11 %	5 60 %	6 94.44 %
<input type="checkbox"/>	5.12B	1 50 %	2 50 %	1 33.33 %	4 58.33 %	4 75 %	3 88.89 %
>75							
<input type="checkbox"/>	5.11C	2 37.5 %	2 66.67 %	6 38.89 %	4 50 %	6 83.33 %	5 93.33 %

[View Line Graph](#)

NOTE: The numbers in the Total cells may not add up to equal the total number of items on a probe because some items may fall under more than one of the TEKSs.

Click **View Line Graph** to see Class TEKS Graph



Class Gradebook Report: Pre-Post

emoteacher1

September 1, 200

Class Gradebook Report

Description

- Click "view TEKS Report" at the top right of the page to view class TEKS performance on pre and post tests of the specified test.
- Click on the student's name to see the student's test performance on each of the TEKS (and graph).

Class: 1

Test: Pre/Post_1

View TEKS Report

View KEYWORD Report

View OBJECTIVE Report

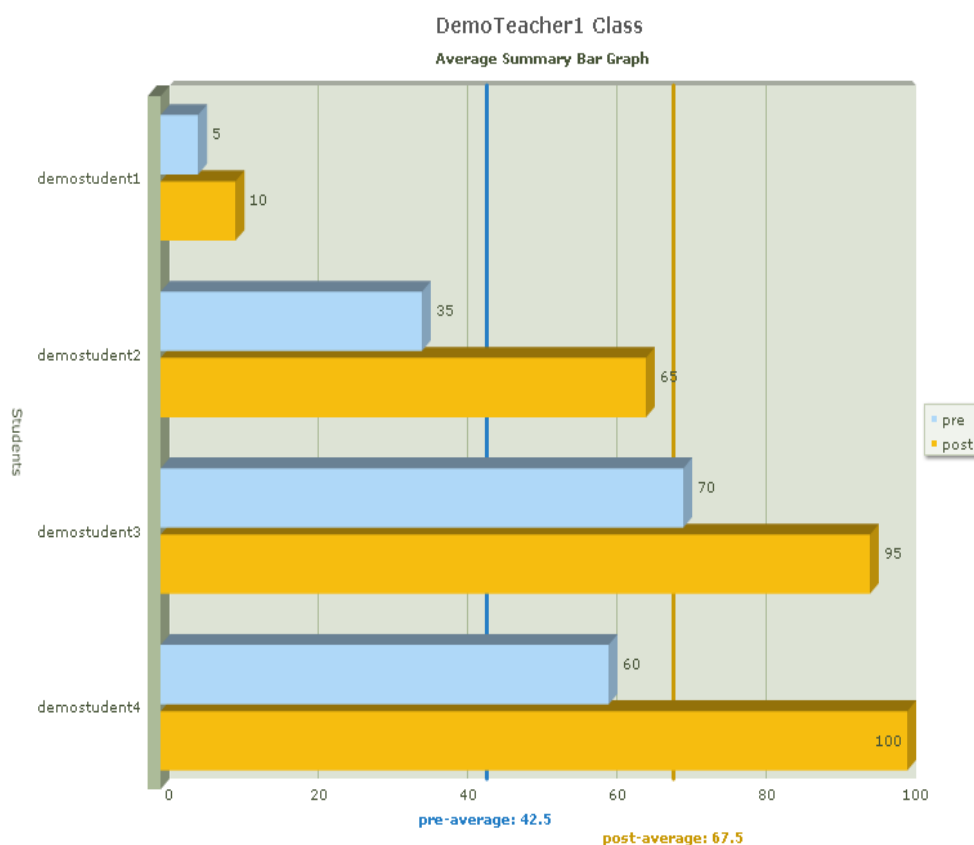
View GRADE Bar Graph

Student	Pre-Test Correct / Total	Pre-Test Correct %	Post-Test Correct / Total	Post-Test Correct %
<25				
demostudent1	1 / 20	5	2 / 20	10
>25 & <75				
demostudent2	7 / 20	35	13 / 20	65
demostudent4	12 / 20	60	20 / 20	100
>75				
demostudent3	14 / 20	70	19 / 20	95
Class Average		42.5	Class Average	
			67.5	

Click **View Grade Bar Graph**
to see Class Gradebook graph



Class Gradebook Graph: Pre Post



Pre-Post test
performance
is shown on a
bar graph.

Class Objective Report: Pre-Post

Report of student performance on each Objective measured on the tests.

View class performance level for each of Objectives on the test.

For the specific class selected, each of the Objectives examined on the tests are listed and student knowledge on each of the Objectives can be seen.

Pre-Test Total is the number of times item from the Objective appeared on the Pre-test.

Class OBJECTIVE Report

Class: 1

Test:

Pre
Post
Example



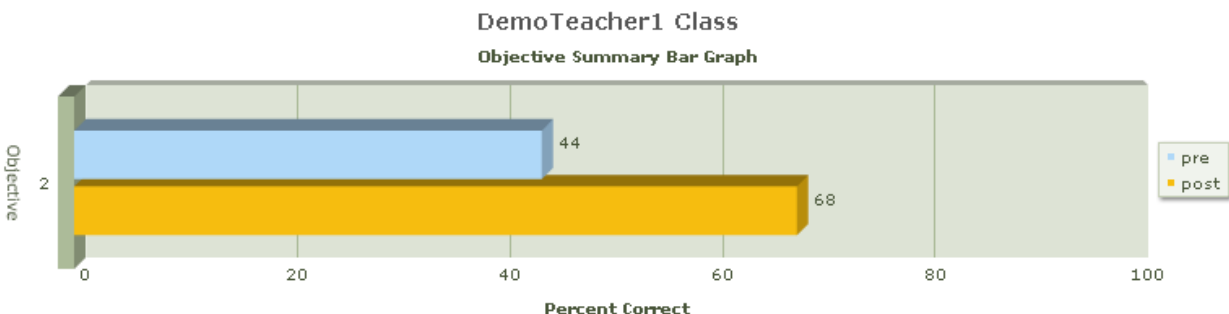
[View Bar Graph](#)

TEKS	Pre-Test Total	Pre-Test Correct %	Post-Test Total	Post-Test Correct %
3	1	75	1	100
4	20	38.75	20	92.5

NOTE: The numbers in the Total columns may not add up to equal the total number of items on a probe because some items may fall under more than one of the Objectives.

Class Objective Graph: Pre-Post

Click **View Bar Graph** to see the Class Objective Pre-Post bar graph.



Class TEKS Report: Pre-Post

The Class TEKS Report shows class performance on the TEKS measured by the tests.

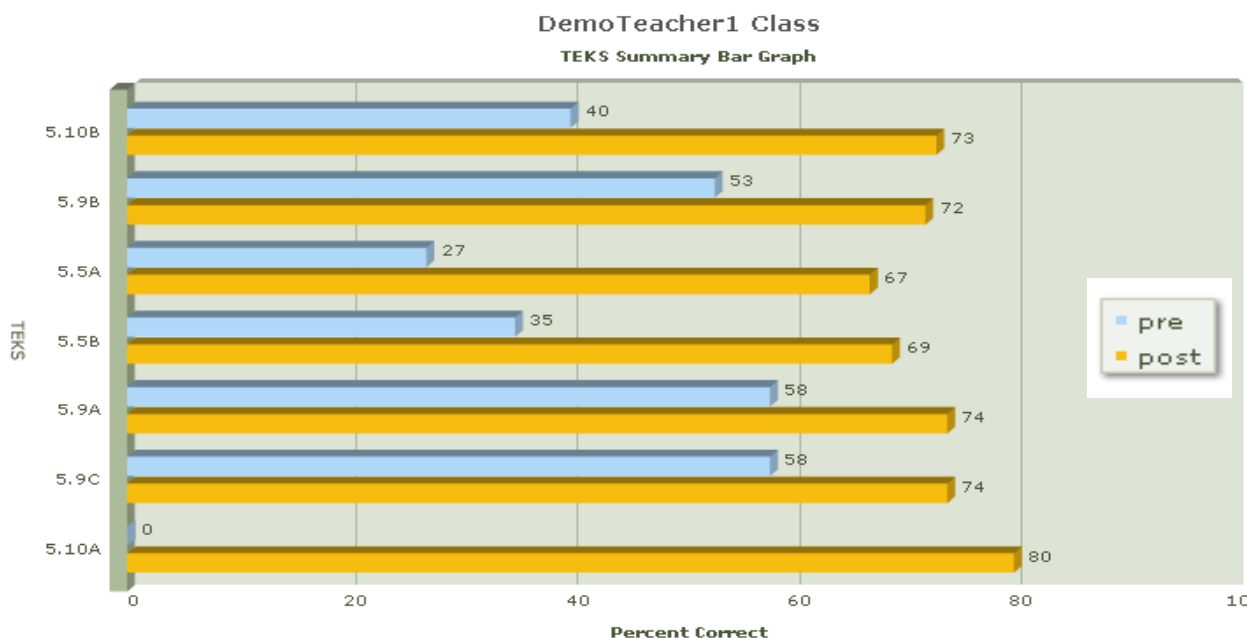
The Class TEKS report has similar functions as the Class Objective Report.

Class TEKS Graph: Pre-Post

Test:
Pre/Post_1

[View Bar Graph](#)

TEKS	Pre-Test Total	Pre-Test Correct %	Post-Test Total	Post-Test Correct %
<25				
5.5A	6	26.67	6	66.67
5.5B	8	35	7	68.57
5.10A			1	80
>25 & <75				
5.10B	2	40	3	73.33
5.9B	6	53.33	5	72
>75				
5.9A	10	58	10	74
5.9C	10	58	10	74



Class Keyword Report and Graph: Pre-Post

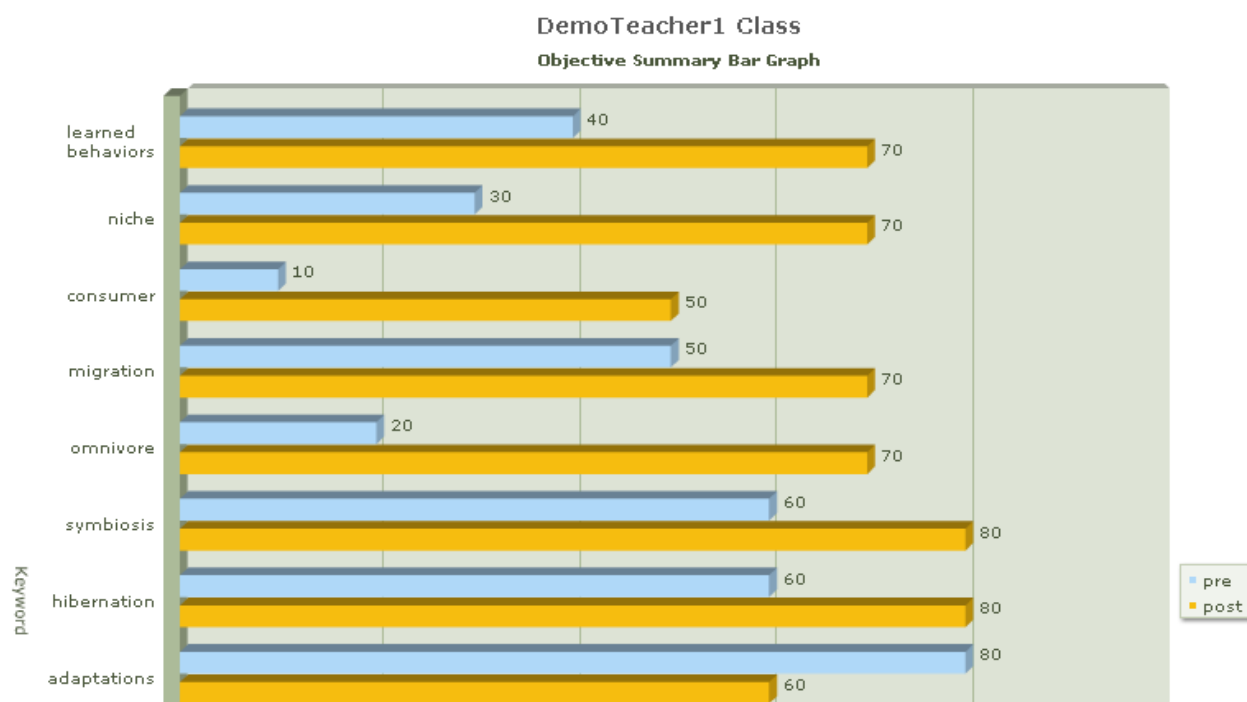
The Class Keyword Report is for Pre-Post Tests Only.

Report of student performance on the keywords included on the Pre-Post Tests.

Test: Demo Pre-Post

[View Bar Graph](#)

KEYWORDS	Pre-Test Total	Pre-Test Correct %	Post-Test Total	Post-Test Correct %
<25				
Chemical Change	2	50	2	62.5
Liquid	2	50	2	50
Chemical Changes			1	75
>25 & <75				
Insulator	2	62.5	2	87.5
Physical Change	2	75	2	75
Conductor	2	50	2	100
>75				
Solid	2	87.5	2	100



4.5.2 Individual Student Reports

Individual Student Reports allow you to generate and view tables and graphs of an individual student's performance for selected unit(s).

The **Individual Summary Report** shows overall individual student performance on Pre-Post tests or Progress Monitoring probes.

The **Student TEKS Report** shows student performance on the TEKS that were included on the selected Pre-Post tests or Progress Monitoring probes.

The **Student Item Report** includes the student's answers and the items found on the student's Pre-Post test or Progress Monitoring probe.

Individual Student Report

Description

- Generates an individual report page for each student.
- Overall individual student performance on each test (and graph).
- Student performance organized by TEKS included on each test (and graph).
- List of items taken by student and corresponding topic area, correct answer, and student feedback on each item.

Class:

Student:

- Click to see Student Name
- sample student1
- sample student2
- sample student3
- sample student4

How to Create Individual Student Reports

Select **Individual Student Report** from the drop-down menu.

Then select the class from the drop-down menu of the student whose report you want to view.

Select the student from a list of all students in that class.

Select the tests from the drop-down menu that you will include in the selected student's report.

Click **Generate Report**.

Individual Summary Report and Graph: Pre-Post

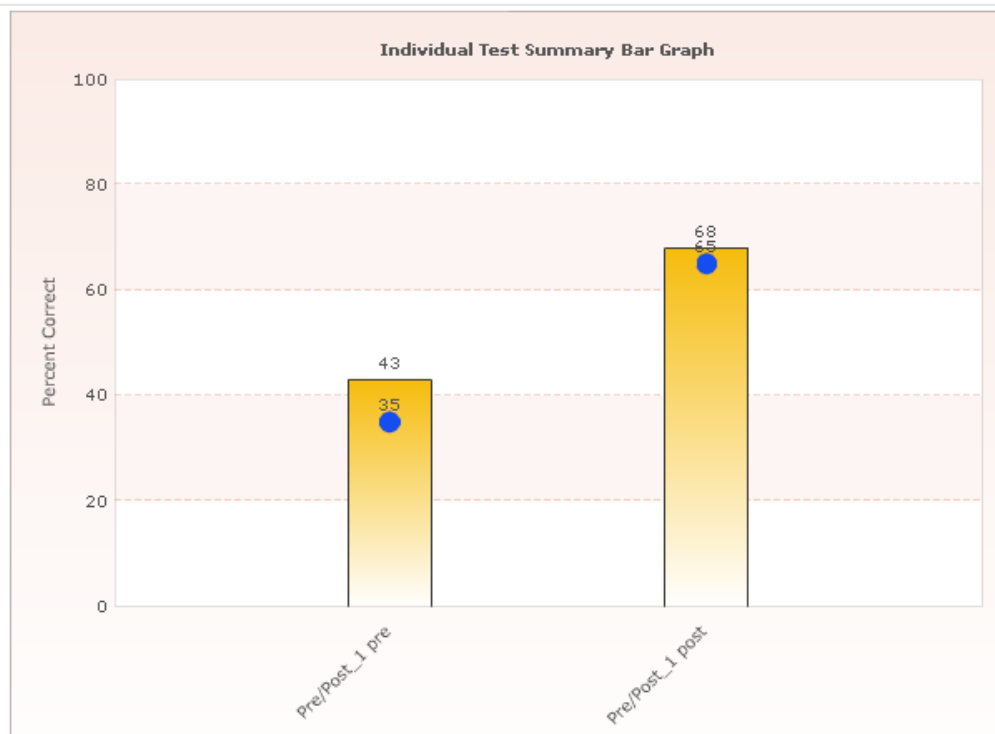
Individual Summary Report shows student performance on the pre and/or post tests for the test(s) selected.

Bar graphs are used as a visual representation of student performance on Pre-Post tests.

Scroll down or click **View Bar Graph** to see the student's performance visually on a graph.

Each bar on the graph represents the Pre-Post test performance for each unit selected.

Student: demostudent2					View Bar
Tests	Pre-Test Correct / Total	Pre-Test Correct %	Post-Test Correct / Total	Post-Test Correct %	Reports
Pre/Post_1	7 / 20	35	13 / 20	65	View OBJECTIVE Report View TEKS Report View KEYWORD Report



Individual Objective Report and Graph: Pre-Post

From the Individual Summary Report, click **View OBJECTIVE Report** next to the test to open the Individual Objective Report for that test.

Individual Summary Report

Student: sample student1					View Bar Graph
Tests	Pre-Test Correct / Total	Pre-Test Correct %	Post-Test Correct / Total	Post-Test Correct %	Reports
Pre Post Example	5 / 20	25	20 / 20	100	View OBJECTIVE Report View TEKS Report View KEYWORD Report

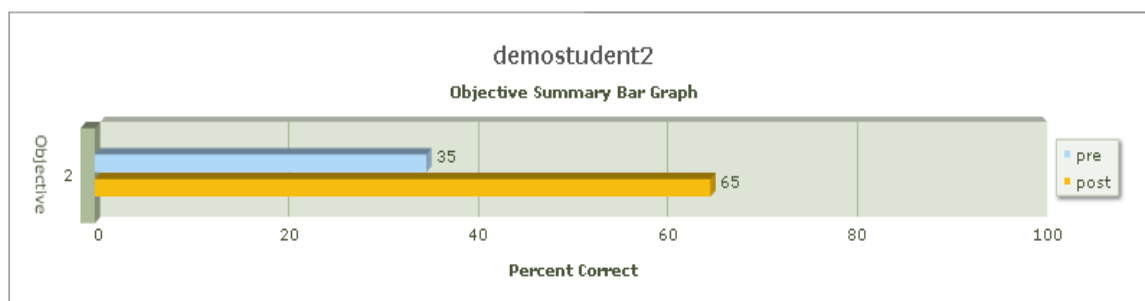
The Individual Objective Report shows the student's performance in each of the TAKS Objectives on the selected test.

A sample Individual Objective report is shown below.

Individual OBJECTIVE Report

Student: demostudent2					View Bar Graph
Test: Pre/Post_1					
Objective	Pre-Test Total	Pre-Test Correct %	Post-Test Total	Post-Test Correct %	
2	20	35	20	65	

NOTE: The numbers in the Total columns may not add up to equal the total number of items on a probe because some items may fall under more than one of the Objectives.



Individual TEKS Report and Graph: Pre-Post

From the Individual Summary Report, click **View TEKS Report** next to the test to open the Individual TEKS Report for that test.

Individual Summary Report

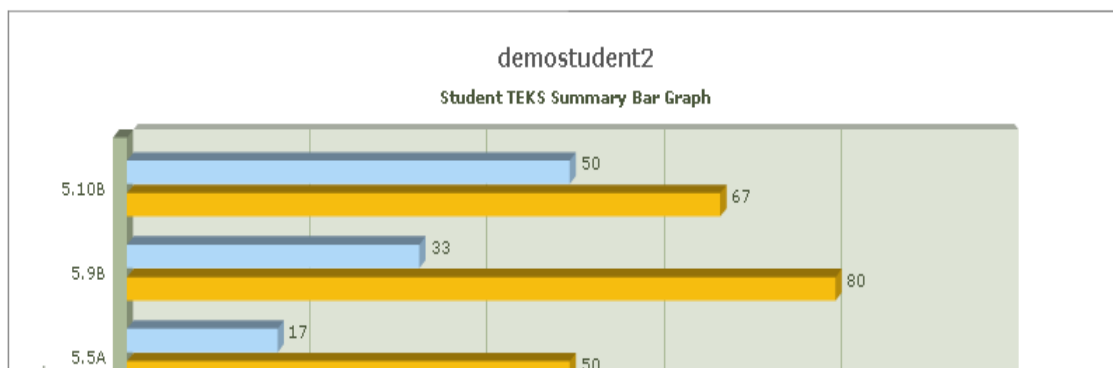
Student: sample student1					View Bar Graph
Tests	Pre-Test Correct / Total	Pre-Test Correct %	Post-Test Correct / Total	Post-Test Correct %	Reports
Pre Post Example	5 / 20	25	20 / 20		View OBJECTIVE Report View TEKS Report View KEYWORD Report

On the Individual TEKS Report, each of the TEKS examined on the student's test is listed so that the student's knowledge on each of the TEKS can be seen

It is important to note the total number of items that were included for each of the TEKS on the test to accurately interpret % correct scores.

Student: demostudent2					View Bar Graph
Test: Pre/Post_1					
TEKS	Pre-Test Total	Pre-Test Correct %	Post-Test Total	Post-Test Correct %	
5.10B	2	50	3	66.67	
5.9B	6	33.33	5	80	
5.5A	6	16.67	6	50	
5.5B	8	25	7	57.14	
5.9A	10	50	10	90	
5.9C	10	50	10	90	
5.10A			1	100	

NOTE: The numbers in the Total columns may not add up to equal the total number of items on a probe because some items may fall under more than one of the TEKS.



Individual Keyword Report and Graph: Pre-Post

Student: demostudent2

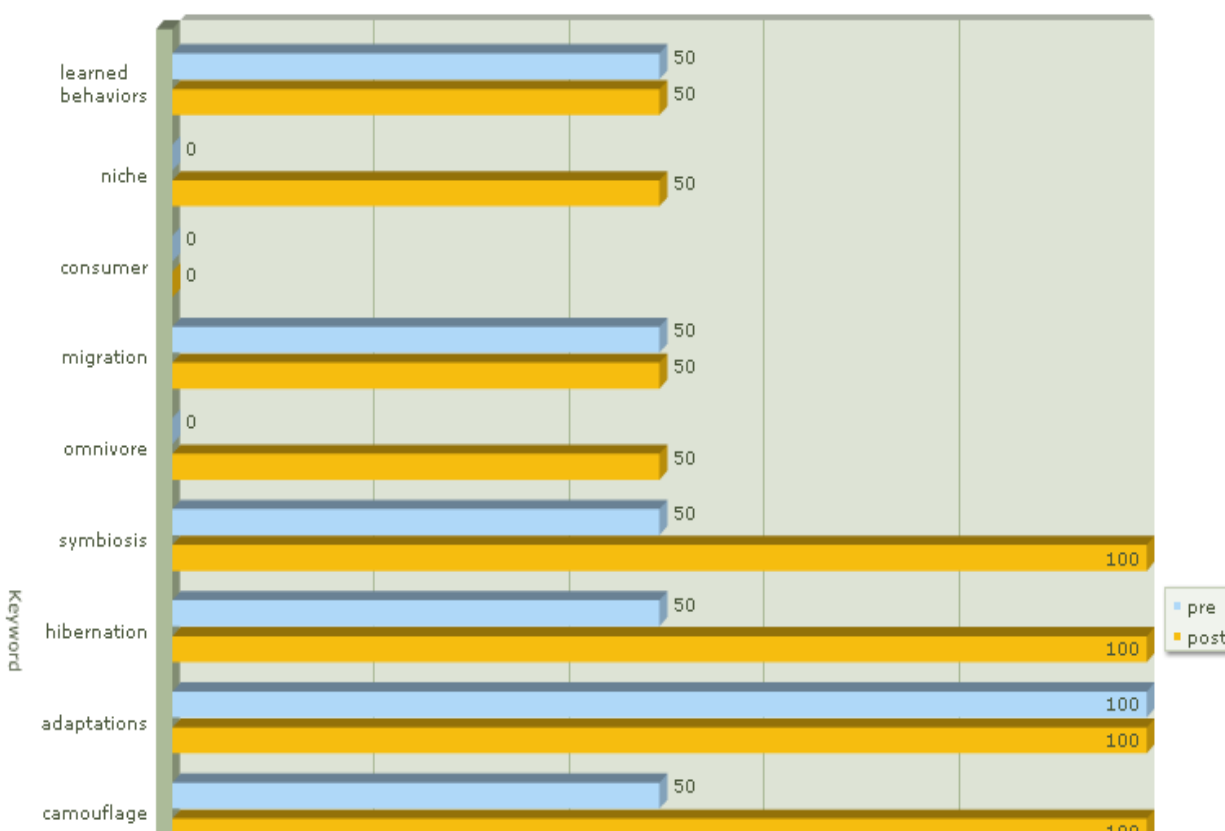
[View Bar Graph](#)

Test: Pre/Post_1

KEYWORDS	Pre-Test Total	Pre-Test Correct %	Post-Test Total	Post-Test Correct %
Learned Behaviors	2	50	2	50
Niche	2	0	2	50
Consumer	2	0	2	0
Migration	2	50	2	50
Omnivore	2	0	2	50
Symbiosis	2	50	2	100
Hibernation	2	50	2	100
Adaptations	1	100	1	100
Camouflage	2	50	2	100
Herbivore	1	100	1	0
Carnivore	1	0		
Adaptation	1	0	1	100

demostudent2

Keywords Summary Bar Graph



Individual Summary Report: Progress Monitoring

Individual Summary Report

Description

- Click on the test name (i.e. Life Science) to see student performance on each of the PROBE.
- Click on the links displayed on the right column to see student performance on each of the OBJECTIVE, TEKS, and KEYWORD.

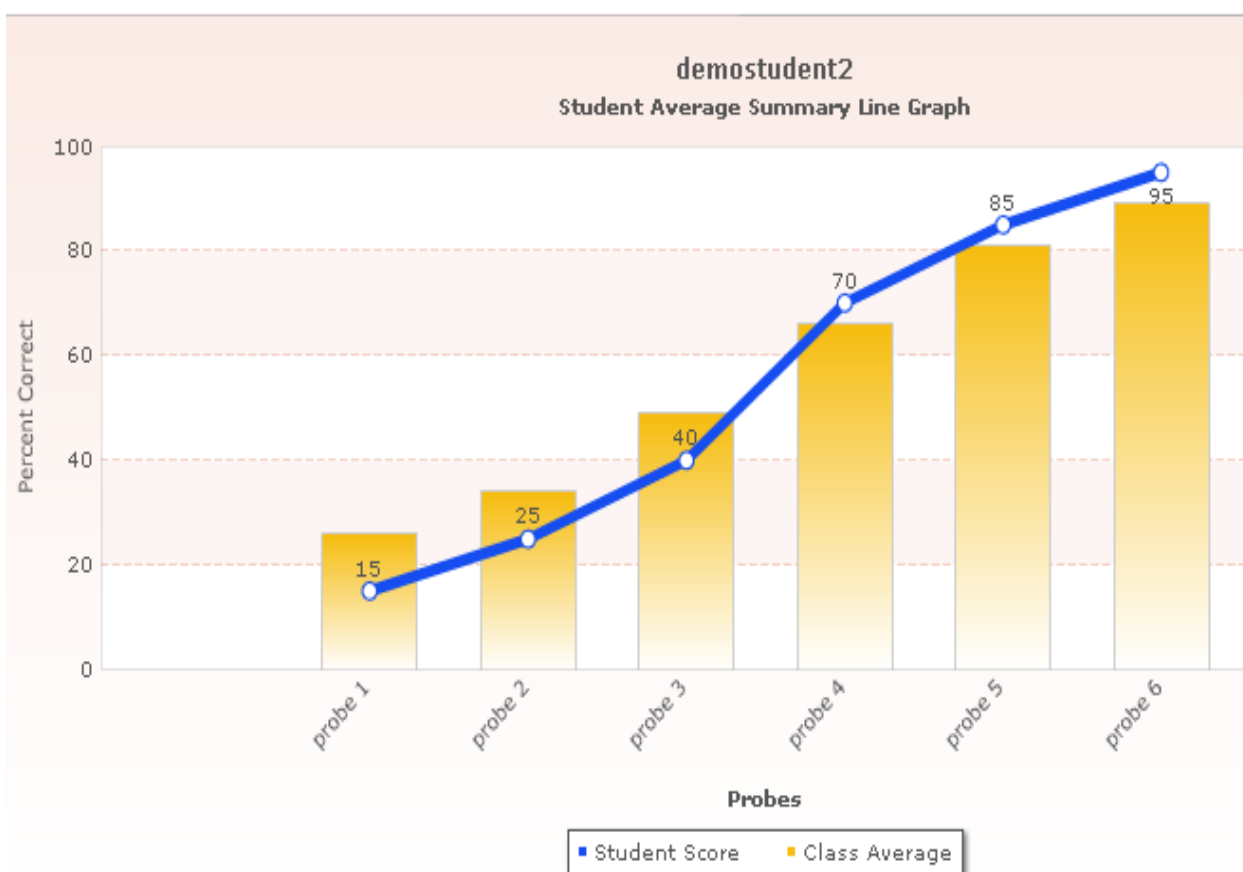
Student: sample student1

Tests	Probe1 Correct %	Probe2 Correct %	Probe3 Correct %	Probe4 Correct %	Probe5 Correct %	Probe6 Correct %	Reports
Progress Monitoring	20%	50%	55%	80%	70%	100%	View OBJECTIVE Report View TEKS Report

Click test name to view graph

Individual Summary Graph: Progress Monitoring

Line graphs are used as a visual representation of student performance on Progress Monitoring probes.



Individual Objective Report and Graph: Progress Monitoring

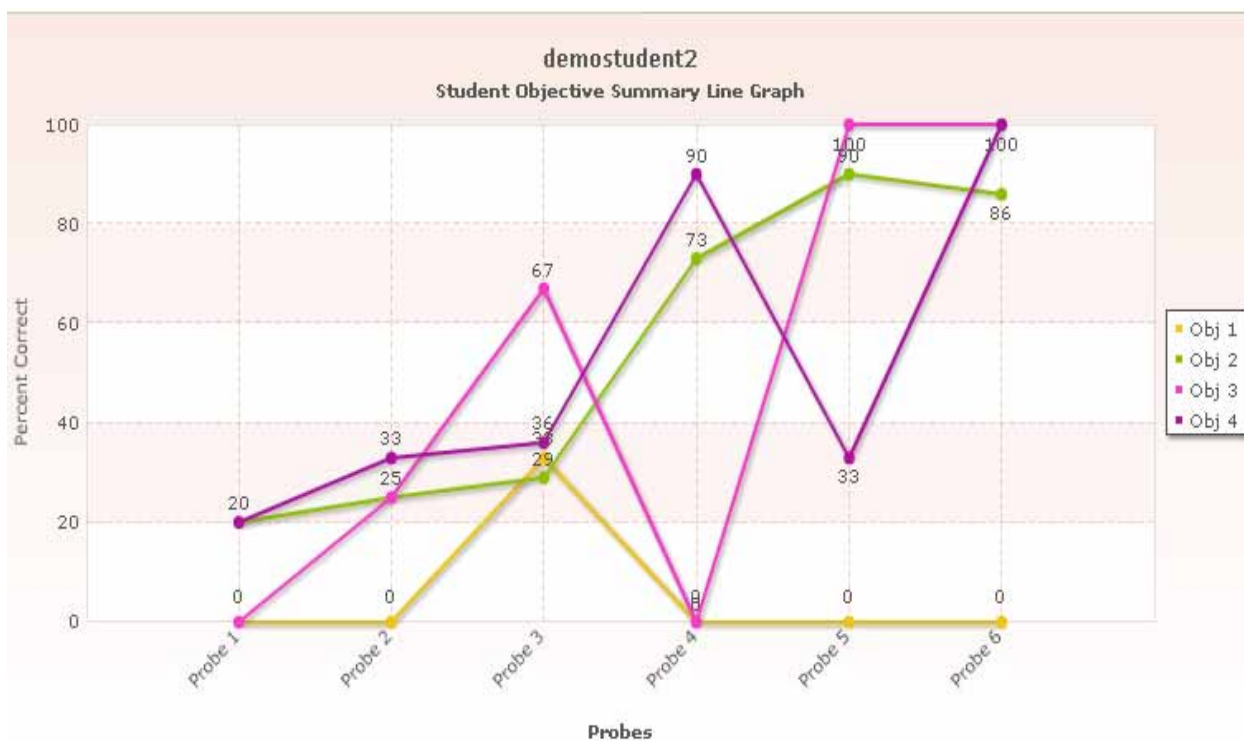
Individual Summary Report

Description

- Click on the test name (i.e. Life Science) to see student performance on each of the PROBE.
- Click on the links displayed on the right column to see student performance on each of the OBJECTIVE, TEKS, and KEYWORD.

Student: demostudent2

Tests	Probe1 Correct %	Probe2 Correct %	Probe3 Correct %	Probe4 Correct %	Probe5 Correct %	Probe6 Correct %	Reports
Progress Monitoring 1	15%	25%	40%	70%	85%	95%	View OBJECTIVE Report View TEKS Report



Individual TEKS Report: Progress Monitoring

Individual TEKS Report

Description

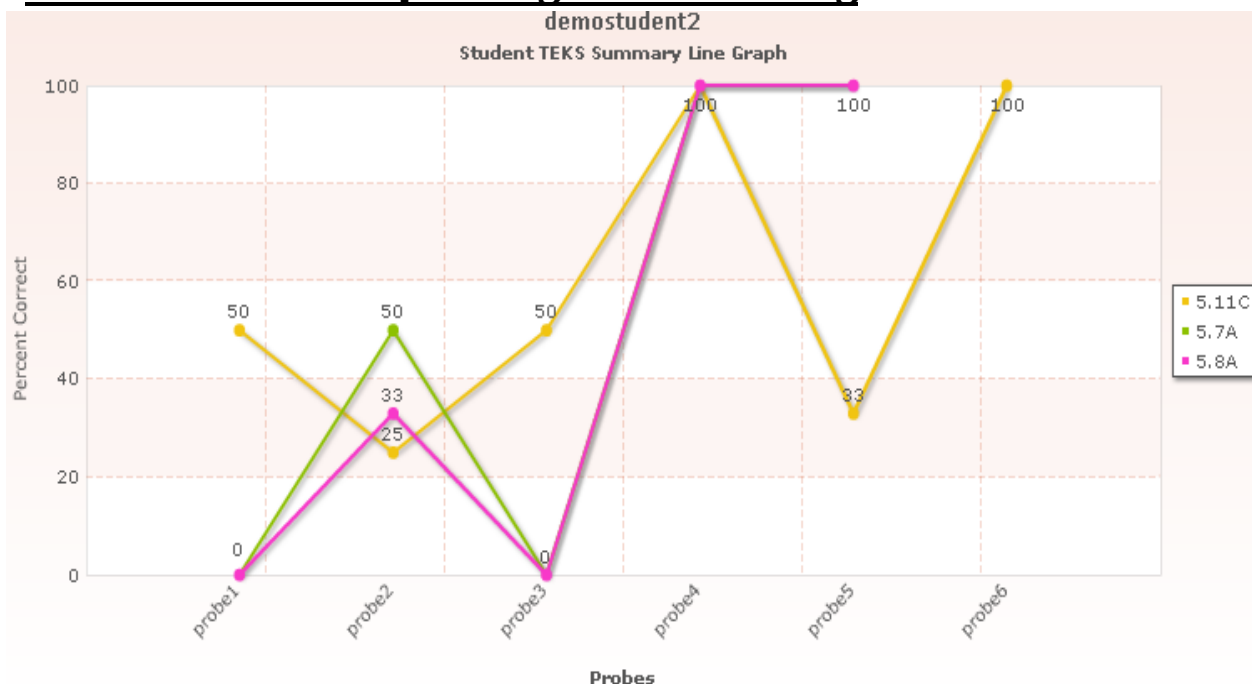
- Select up to 4 TEKS to view on the graph.

Student: sample student2		Test: Progress Monitoring					
TEKS		Probe1 Total Correct%	Probe2 Total Correct%	Probe3 Total Correct%	Probe4 Total Correct%	Probe5 Total Correct%	Probe6 Total Correct%
<input type="checkbox"/>	5.11A	5 20 %	4 25 %	6 50 %	6 66.67 %	5 80 %	6 83.33 %
<input type="checkbox"/>	5.11B						1 100 %
<input type="checkbox"/>	5.11C	2 50 %	2 100 %	6 50 %	4 50 %	6 83.33 %	5 80 %
<input type="checkbox"/>	5.12A	12 41.67 %	12 41.67 %	11 45.45 %	10 70 %	12 83.33 %	11 100 %
<input type="checkbox"/>	5.12B	1 100 %	2 50 %	1 0 %	4 50 %	4 75 %	3 66.67 %
<input type="checkbox"/>	5.12C	3 33.33 %	4 25 %	1 100 %	1 100 %	2 50 %	
<input type="checkbox"/>	5.12D		1 100 %				
<input type="checkbox"/>	5.5B			1 100 %	1 100 %		1 100 %
<input type="checkbox"/>	5.6A		1 100 %				
<input type="checkbox"/>	5.6C			1 100 %	1 100 %		1 100 %
<input type="checkbox"/>	5.9A			1	1		1 100 %

View Line Graph

Remember to click View Line Graph to see graph

Individual TEKS Graph: Progress Monitoring



4.6 Help

4.6.1 Message Center

HOME

Click to return to SKeVA home page

D2K Message Home

[Home](#) | [Inbox](#) | [Outbox](#) | [Compose Message](#)

Good afternoon D2K Facilitator.

You are logged in on Wednesday 27th of February 2008 at 12:52 PM.

You have **0** unread messages in your **inbox** (**21** total messages).

Communicate with the SKeVA team easily!

Send questions or comments to the SKeVA team

Get help with technology questions and receive support in a timely manner

View and receive messages through the SKeVA website, instead of your personal email account

Click to view list of D2K Facilitator and SKeVA user emails

[Home](#) | [Inbox](#) | [Outbox](#) | [Compose Message](#)

To...

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Subject:

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Send Message

Clear

5. Walking Students Through SKeVA

5.1 Student Log-In

5.2 Student Home Page

5.3 Test Page

5.4 Student Item Report

5.5 Student Feedback Graphs

5.1 Student Log-In

Visit the SKeVA student website to login.

<http://skeva.tamu.edu/students>



Science Key Vocabulary Assessment
(SKeVA)

Login

*Welcome to
Science Key Vocabulary Assessment
(SKeVA)*



Login

Username :

Students enter their Username in the designated box and click **Start**.

- The default username for students is the student's first name followed by the student's last name without spaces. Please confirm student usernames with the administrator or teacher who created the accounts. See example below.

Username: firstnamelastname (no spaces)

Example: Student Name: John Doe; Username: johndoe

After logging in students will view their personal student home page.

Each student's page shows their name and the results of the tests that they have taken and the tests that they need to take.

5.2 Student Home Page

Below is an example student home page for sample student 1.

samplestudent1 **EXIT** Don't forget to Exit when you are finished! December 5, 2007

SKeVA: Science Key Vocabulary Assessment

Hello **sample student1**,

Welcome to the Online SKeVA: Science Key Vocabulary Assessment!
The tests created by your teacher are listed below. You can take the upcoming test requested by your teacher, complete a progress, or see the results of the ones that you have already taken.

Upcoming Tests

Test Name	Test Type	Date	Action
new sample	pre	Wed 11-14-07	Take the Test
new sample	post	Fri 11-23-07	Take the previous test first
sample14	pre	Thu 11-15-07	Take the Test
sample14	post	Fri 11-16-07	Take the previous test first
sample Obj 2	pre	Wed 11-14-07	Take the Test
sample Obj 2	post	Fri 11-23-07	Take the previous test first

Tests Completed

Test Name	Test Type	Date	Action
Pre Post Example	pre	Mon 11-12-07	See Results
Pre Post Example	post	Mon 11-12-07	See Results
Progress Monitoring	probe1	Mon 11-12-07	See Results

Click to view Student Item Report

The name of the student logged into SKeVA is shown on the top left corner of the page. Make sure the correct student's name is shown.

Click **Exit** to log out of SKeVA

Scroll down the page to see student tests. Tests are organized by Upcoming Tests, Test in Progress, and Past Tests.

Upcoming Tests are tests the teacher assigned the student to take.

Tests In Progress are tests the student has started and still needs to finish.

Past Tests are tests the student has already taken.

In each test box, Test Name describes the test and Test Type identifies the type of assessment (Pre-Post or Progress Monitoring).

The Date column shows when the student is assigned to take the test (Upcoming), last worked on the test (Tests in Progress), and completed the test (Past Tests)

Under the Action column, click **Take Test** next to test you want to take and click **See Results** to see answers for the test and a graph of how well you did

5.3 Test Page


SKeVA: Science Key Vocabulary Assessment

sample student3,

1. Please read the **questions** and **answer choices** carefully.
2. Pick the best **keyword** choice, and type the letter in the blank that correctly answers the question. Each answer may be used only once.
3. When you have answered a group of questions on each page, please hit the button labeled **SAVE and CONTINUE**.
4. When you have answered the last group of the questions, please hit the button labeled **FINISH** to complete the test and see your score.

Your Teacher's Instructions
Personalized Instructions

QUESTIONS	KEYWORDS
1. <input type="text" value="d"/> are substances that are formed over millions of years from the remains of dead organisms.	A. fossil fuels
2. <input type="text"/> is a type of fuel that can be burned in power plants to make heat or electricity.	B. revolution
3. <input type="text"/> is a fossil fuel formed over many years in layers of sedimentary rock and is used to make gasoline or jet fuel.	C. low tide
4. A(n) <input type="text"/> occurs two times a day when the level of the ocean is lower.	D. coal
5. A natural energy source used to run machines and that can be a product of crude oil is called <input type="text"/> .	E. fuel
	F. oil



Remember to save your answers before continuing

To answer the items, drag the answer and drop it in the blank OR type the letter corresponding to the answer into the item blank.

To Change the answer, drag another answer into the blank OR erase the answer and type another letter in the blank.

A line will be drawn through each answer to show it has already been used.

Each answer may be used only once

After answering all items on a screen, click **Save and Continue** to go onto the next section.

If students do not have time to finish an entire test, their answers will be saved and they can return to complete the test at another time.

When students complete an entire test, click **Finish**.

Once complete, students will then see their answers on the Student Item Report.

5.4 Student Item Report

The Item Report shows each item on the test, the student's answer, and the correct answer.

Students can print this page to review science vocabulary.

example Post Results		Return to Home Page
YOUR TEST ITEMS	YOUR ANSWERS	
1. A wave of water that is triggered by an earthquake, volcanic eruption, or landslide is called a(n) ____.	Correct. The correct answer is tsunami .	
2. ____ are easily seen in the Grand Canyon because you can see the layers of sedimentary rock.		Incorrect. Your response was erosion , but the correct answer is sedimentary rock sequences .
3. ____ can be formed over small or large areas when heat, pressure or both are present to change the existing rock.		Incorrect. Your response was sedimentary rock sequences , but the correct answer is metamorphic rock .
4. Different kinds of ____ form depending on how quickly melted rock and lava cools.	Correct. The correct answer is igneous rock .	
5. Weathering and ____ does not occur on the Moon because water and wind are not found on the Moon.		Incorrect. Your response was metamorphic rock , but the correct answer is erosion .

Items from the test are shown in the Your Test Items column.

The Your Answers column indicates if the student answered the item correctly or incorrectly and lists the student's answer if incorrect.

The percent of correct items and a graph of your performance is shown below the item report. See the next page for more information on the student performance graphs.

SKeVA Tests

SKeVA tests are not like the tests students normally take in school. It doesn't matter how well students do compared their classmates. Each time students take a test, they want to do better than they did the last time. It's ok if students don't do well on the first test. The 1st test may seem hard and students may not know every answer. Students might not have learned all of the information on the test yet. The goal is for students to beat their last score on next test and try their best!

5.5 Student Feedback Graphs

The graphs below will be generated for your students

Look at the graph at the bottom of the page to see how the student improved from test to test.

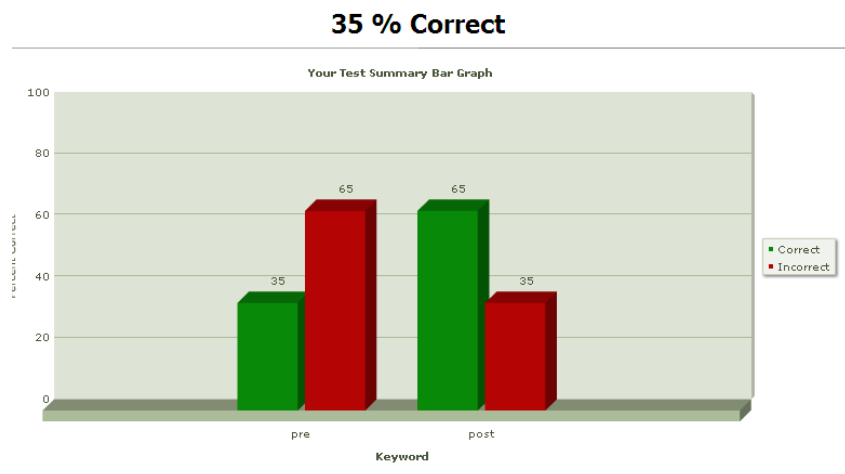
When the green bars increase (go up) it shows how much you learned or improved from test to test.

Students' Goal: Beat their last score! And try their best on every test!

Ask students: How much did you improve from the last test? Did you beat your last score?

Pre-Post Tests

- ◆ The pre test is hard because you have not learned the information yet
- ◆ The post test may be easier because you take it after learning in class



Progress Monitoring Probes

- ◆ It may be easier with each test you take because you will learn more about science in class

