



# ASSESSMENT



# SEE what they know. TEACH what they need.

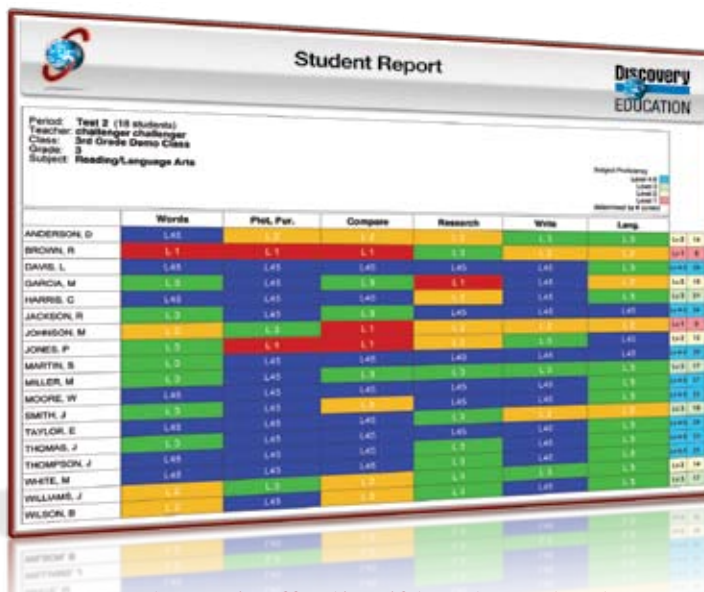
With **Discovery Education Assessment**, teachers can see what students' high-stakes test results will be before they take the real test. This formative assessment solution predicts student proficiency, mastery, and AYP performance with **80–90% accuracy**.

Discovery Education Assessment programs assess student progress toward meeting state standards for **reading/language arts, math, and science**.

With resources, tools, and professional development, teachers see where to focus instruction during the school year to improve student test scores. The programs are **accurate, affordable, and easy to use**.

Our predictive solutions support individualized instruction and move teachers toward the ultimate goal: **improving student performance**.

# Assessment to Inform Learning



Formative assessments are ineffective if teachers don't use the data. Discovery Education Assessment is a program that teachers want to use. The assessments and easy-to-interpret reports provide teachers the prediction of proficiency and adequate yearly progress (AYP) that is critical to monitoring student progress toward state-mandated goals.

*"As a result of using Discovery Education Assessment, our school made AYP in reading according to the No Child Left Behind initiative in school year 2004-2005."*

**Beverly McNairy, Ed.D.** (Candidate), Professional Counselor, MacFarland Middle School, Washington, D.C.



# Match, Predict, Improve

Ensure that classroom instruction translates to successful performance on your state's high-stakes test.

Proven in thousands of schools, the Discovery Education Assessment suite of products has pioneered a unique approach to formative assessment. Using a scientific-research-based **Continuous Improvement Model**, diagnostic assessments mirror each state's high-stakes test, including performance indicators.

## Teachers Can:

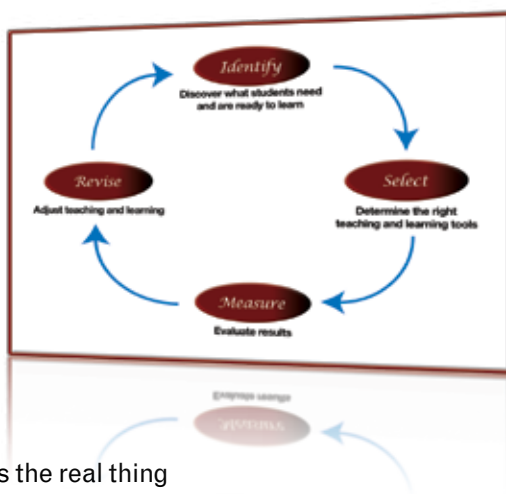
- Focus instruction where students need it
- View information that accurately predicts student performance on an individual state's test
- Use reports to individualize instruction

## Students Can:

- Take tests that are as challenging as the real thing
- View their own progress and be more fully engaged in the learning process
- Improve their performance based on testing results

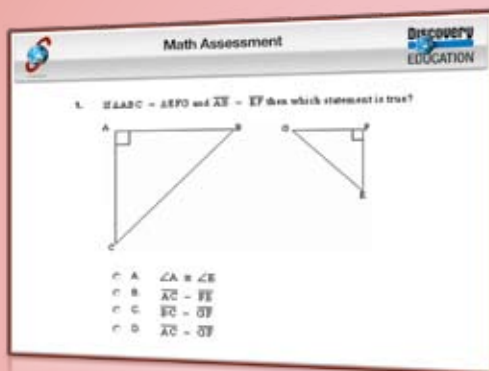
## Administrators Can:

- View and work with the right data for comparisons and district summaries
- Save time because there is no installation, and save money compared to other assessment products
- Monitor the performance of programs to see what is really working



# Predictive Assessment

Use Our *Predictive Benchmark Tests* to Reliably **Predict** Student Performance



Our state-specific *Predictive Benchmark* product has a **seven-year track record of proven success**, with more than **3 million assessments administered** to students last year alone.

- Quickly and accurately **identify problem skills**
- Use research-based data to **revise instruction, enhance learning, and improve student scores** on your state's test
- **Monitor progress** during the year
- **Improve AYP status**

## Teachers Can Build Mini-Assessments with the Practice Item Bank

Create mini-assessments using thousands of additional items organized by skill and subskill and keyed to your state's learning standards.



# Predictive Benchmark

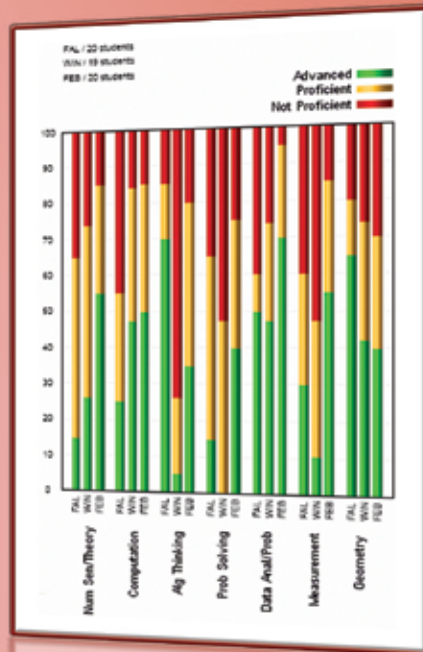
## Enables Educators to Watch Improvements Step-by-Step

The service matches predictive benchmark tests to each state's curriculum and high-stakes exam.

- The benchmark tests are administered in the fall, winter, and spring — Each test is carefully constructed to mirror and match the state test
- Predictive assessments are available for reading, language arts, math, and (in select states) science
- Tests require less than one class period per subject
- Choose online or paper tests to suit your needs
- No software to install and no training required — You can be ready to test within days

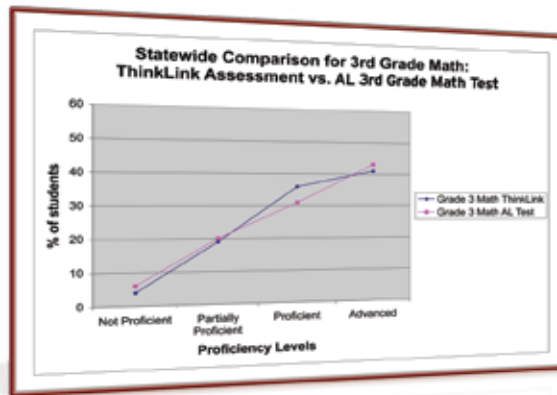
*"We were very impressed with our results...We have 10 general ed. and 10 special ed. students. And the results were AMAZING!... I shared the information with our principal and she was very impressed with the data and the program overall. ... Baldwin County is hearing about Discovery Education Assessment!"*

**John Brantley**, Teacher, Baldwin County, Alabama



# Research

## Reliability Through Research



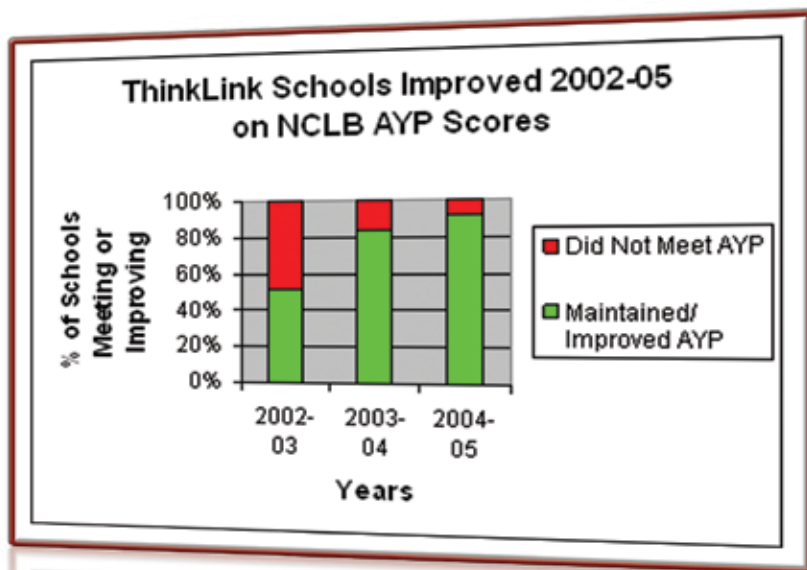
Discovery Education Assessment weaves the concepts of research-based and data-driven decisions into all aspects of product development and school support to ensure that teachers have the formative assessment tools that work. Discovery Education Assessment:

- Offers **content validity** matching objectives tested on state specific and nationally normed tests
- Demonstrates **high test reliabilities** using Cronbach's alpha
- Matches the **difficulty levels** on state-specific and nationally normed tests
- Predicts **proficiency percentages** for each proficiency level by skill, subject, and grade
- Undergoes **peer review** by university researchers and district personnel



# Proven Results

The final measure of success occurs when districts, schools, classes, and students improve their performance on end-of-year state assessments.

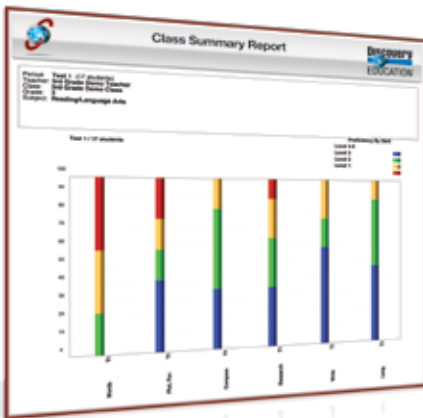


During 2004–2005, in 477 sample schools representing more than 150,000 students in Grades 3–8 who used the original ThinkLink Predictive Assessment Series (now known as Discovery Education Assessment: *Predictive Benchmark*), **92% met or improved their AYP status.**

# Reports

## Communicate and Analyze Results Effectively with Timely Reports

Research has demonstrated that practice tests alone do not improve student learning and do not raise test scores substantially. Instead, research shows that **formative assessments** provide the data needed to increase student achievement.



### Reports Are:

#### Easy to Interpret

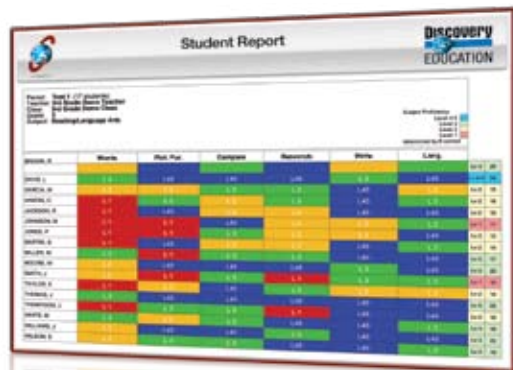
No tedious and time-consuming statistics to wade through.

#### Color-Coded

Color-coded reports let you quickly see the data you need.

#### Teacher-Centered

Reports allow administrators to place key information in instructors' hands quickly. For this data to be actionable and effective in the classroom, teachers must be able to understand it.



### Reports Predict:

#### State Proficiency

Proficiency predictions are provided for reading, mathematics, and language arts for each student.

#### Proficiency by Skill

Reports identify proficiency by performance levels for each major skill.

#### AYP Status

Benchmark reports provide a scale or growth score based on state-of-the-art Rasch Modeling techniques. This score helps educators monitor student AYP.



Teachers and administrators have access to the reports online via a password-protected account.

Transform Data into  
Information, Information  
into Knowledge, and  
Knowledge into Action

The screenshot shows a 'Student Subskill Report' interface. At the top, it displays the title and the Discovery Education logo. Below the title, there are fields for 'Class', 'Teacher', and 'Reporting Period'. The main part of the report is a large grid with columns for 'Subskill' and 'Score'. The grid contains data for multiple students, with scores ranging from 0 to 100. The interface includes a search bar and several filter buttons on the right side.

## Reports Contain:

**Class Summary** — provides results for the entire class

**Student Report** — documents proficiency level by skill for every student

**Objective Report** — provides an item analysis showing the difficulty level of each item as well as the state criterion-referenced test (CRT) and norm-referenced test (NRT) objective and subskill

**Student Subskill Report** — shows mastered subskills as defined by each state

**Answers Report** — details the answer for every item for every student

The screenshot shows an 'Objective and Subskill Report' interface. It features a table with columns for 'Objective', 'Subskill', 'Score', and 'Proficiency Level'. The table is filled with data for various objectives and subskills, with scores and proficiency levels indicated by colored cells (green for high, yellow for medium, red for low). The interface includes a search bar and several filter buttons on the right side.

**Student Proficiency Levels** — match the state's cut-offs defined in the No Child Left Behind (NCLB) state plan identifying the state-specific proficiency levels

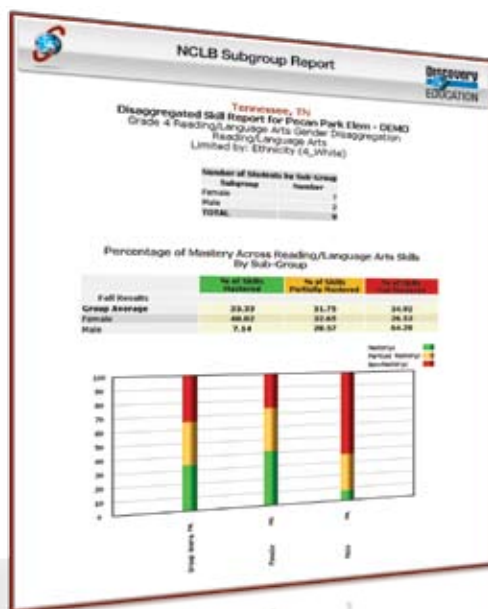
**Comparison Report** — shows the progress by objective over the course of the year

**Grade-Wide Summary** — provided for each grade tested in the school

**Individual Student Report** — designed to encourage student and parent involvement

**District Reports** — available with district-wide implementation of ThinkLink Assessment

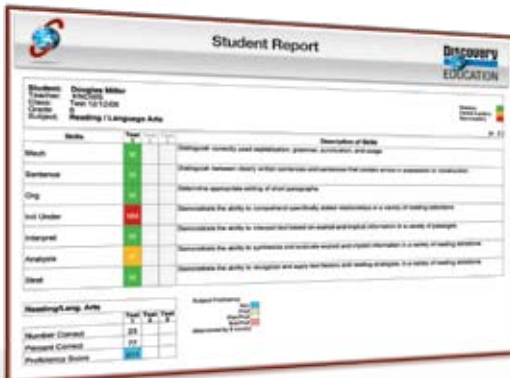
# Additional Services



Discovery Education Assessment: *Predictive Benchmark* is a complete solution. It includes a base set of curricular resources, practice items, online professional development services, a full series of pre-set color reports, and data output to a standard spreadsheet. In addition, you can choose any or all of the optional features below.

- **NCLB Subgroup Reports and Longitudinal Tracking:** Adding NCLB subgroup reporting to your *Predictive Benchmark* subscription allows teachers to view disaggregated reports on their students. Reports are available sorted by Race, Gender, Special Education, ELL, and FRL.
- **Customized assessments:** Contract with Discovery Education to create assessments that match your pacing guide and district curriculum. The full range of psychometric analysis is available to meet your school system's needs.

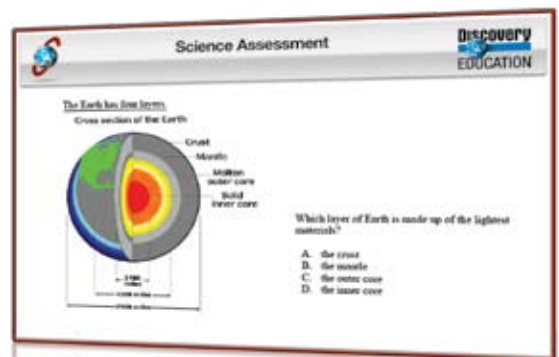




## Intervention Assessment

*Intervention Assessment* identifies students who are performing two or more levels above or below grade and provides the diagnostic information needed to help these students progress. The assessment adjusts to each student's response in order to provide an accurate indicator of his or her instructional level.

A test from *Predictive Benchmark* that correlates to the student's estimated grade level is then administered, giving teachers the information they need to make appropriate teaching decisions for that student.



## Science Assessment

Make sure students are ready for the NCLB science requirement by adding benchmark assessments covering science (available in select states; please ask for details).

# Professional Development

## Benefit from Educational Experts

On-site **professional development** consultants can show you how Discovery Education Assessment works, all with a focus on student achievement.

Discovery Education employs **highly qualified, experienced educators** to deliver professional development training sessions for your faculty and administration, all designed to meet your system's needs.

Teachers will learn to interpret their data and reports and use this information to drive instruction. With the help of our online resources, creating teaching assignments becomes easier and more efficient.

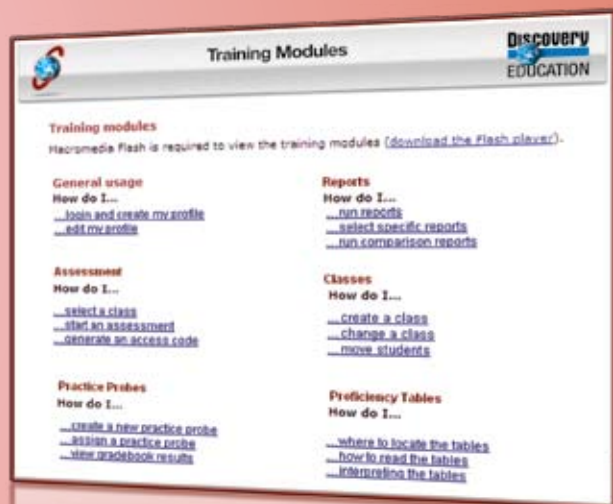
Educators learn simple-yet-effective research-based teaching strategies proven to improve test scores. Discover how to use NCLB sub-groups and proficiency cut scores to meet AYP. Contact us today to learn more about our professional development services.



## Learn at Your Own Pace with Online Professional Development Resources

Educators can access Web links, lesson plans, classroom activities, and other resources.

Online tutorials encourage self-led learning. Educators and administrators may also access Web-based seminars on topics ranging from how to get started to reading reports.



*"Your (professional development) training is a part of the reason that we met our NCLB goals... really. The teachers had never broken down their data before, and your direction and instruction showed them how. They really got into it and felt that they were able to make a difference to help in meeting the needs of all students. I wanted to say 'thanks.'"*

**Tracy Warren**, Intermediate Academic Coach,  
Fayette County, Kentucky

# Discovery Education Assessment: *College Readiness*

## Take the Guesswork Out of College Prep

Concerned about whether your students will **score high enough** on the college entrance exams?

Educators no longer have to wonder. *College Readiness* allows teachers to predict student scores on the ACT exam, taking the guesswork out of college preparation.

Designed by experienced college-prep tutors, *College Readiness* gives teachers the ability to **identify problem skills** and **raise scores**. Teachers can easily identify a student's strengths and weaknesses, which allows teachers to focus instruction where it's needed.

With *College Readiness*, given up to three times a year, teachers can be confident that their students are well prepared by having them take an assessment comparable to true college entrance exams. Make sure your students receive maximum scholarship opportunities by using *College Readiness* to raise college-entrance exam scores.

- Predictive assessment for ACT
- Three unique forms available
- One-hour test made up of 40 items
- Four subjects: English, reading, math, science
- One composite score (0-36)



# Alternate Assessment

## Enable All Students to Reach Their Academic Potential

One of the critical components of No Child Left Behind is the requirement of alternate assessments for each state. Discovery Education is committed to the needs of students with disabilities, and offers alternate assessment services for each state's department of education. With specially trained staff with experience in 20 states, Discovery Education can work with your state's department of education to develop a program to meet your alternate assessment needs.

## Discovery Education Assessment: *Early Skills*

### Measure the Knowledge of the Youngest Students

*Early Skills* is a series of short tests that measure early reading development and support the "Big Five" assessments proven to be effective in early-literacy instruction. The program allows teachers to measure the full range of reading skills, not just a few.

- Covers four of the "Big Five" reading components:
  - Phonemic awareness
  - Phonics
  - Vocabulary
  - Comprehension
- Given three to five times a year (scope and sequence and multiple outcome tests)
- Designed to be administered in a group setting
- Assessments easily fit into a teacher's day
- Easy-to-read, color-coded reports and practice items

# Ordering Information

## Start Improving Student Performance with Discovery Education Assessment Today

For a demonstration and to learn more, please call us toll-free at **866-814-6685** or e-mail us at **AssessmentInfo@discovery.com**.

## Support You Can Count On

Customer support is a top priority at Discovery Education. Our well-trained support staff is available to answer your questions and make sure Discovery Education Assessment runs smoothly at your school. Speak directly to one of our people and quickly get the personalized help you need to get the most out of Discovery Education services.

## Discovery Education Assessment is available for:

Alabama

Arizona

Arkansas

California

Colorado

Florida

Illinois

Indiana

Kentucky

Michigan

Mississippi

Missouri

New Mexico

New York

North Carolina

Ohio

Oklahoma

South Carolina

Tennessee

Virginia

Washington, D.C.

West Virginia

Wisconsin



# LEADING THE WAY

Discovery Education Assessment now contains video from **Discovery Education *streaming***, the only digital video-based learning resource scientifically proven to increase student achievement.

horse legs	chicken legs	total
$0 \times 4 = 0$	$16 \times 2 = 32$	<b>32</b>
$1 \times 4 = 4$	$15 \times 2 = 30$	<b>34</b>
$2 \times 4 = 8$	$14 \times 2 = 28$	

Paused 12:05

During remediation, educators can quickly link to a Discovery Education *streaming* video clip mapped to their State Performance Indicator. Connecting formative assessment with multimedia educational content another way Discovery Education is paving the way in providing the best assessment services for today's schools.



SEE WHAT THEY KNOW.  
TEACH WHAT THEY NEED.



[www.DiscoveryEducation.com](http://www.DiscoveryEducation.com)

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