



A Complete InFormative Assessment™ Solution for Science, Grades 3–8

Acuity™ can be delivered using online and/or paper-and-pencil administration methods.

Acuity Science helps teachers be more effective by:

- Indicating student proficiency relative to state NCLB exams; providing ongoing measurement of student performance relative to state standards
- Engaging students with innovative assessment items that promote learning and success
- Identifying students who need additional assistance in science
- Providing both an Early Indicator and a Predictive Assessment in NCLB testing grades
- Giving teachers a robust Item Bank and Item Authoring capabilities to build customized assessments

Acuity Science makes tracking student progress easier with:

- Fast and flexible online administration and reporting
- Reports that can be viewed or printed by student, class, school, and/or district
- Features that use the same Acuity platform as Acuity Math and Reading/Language Arts assessments

A screenshot of a science assessment interface. At the top, it says "Science: Screen 1 of 26" and has several navigation buttons. Below that, there's a "MARK FOR REVIEW?" section with "YES" and "NO" options, where "NO" is selected. The main content area is titled "Pillbug Behavior" and includes a text box explaining that pillbugs are small arthropods that live in forest soils and eat dead plant material. It describes an experiment where a 10 cm x 10 cm tray is used to study pillbug behavior by controlling factors like moisture, light, and temperature. To the right of the text is an image of several pillbugs. Below the text are four checkboxes: "Increase moisture on the right", "Increase light on the right", "Increase temperature on the right", and "Increase number of pillbugs". A "RUN EXPERIMENT" button is located below the checkboxes. To the right of the main content area, there's a "NEXT" button and a question: "What type of environment do the pillbugs appear to prefer?". Below the question are four radio button options: "Dark and dry", "Light and moist", "Moist and dark", and "Hot and dry". A "Submit Answer" button is at the bottom of the options. At the very bottom of the interface, there's a "Jump to question:" section with a list of numbers from 1 to 26.

Evaluates student ability to understand and interpret the results of an experiment

Research-Based Assessment that Reflects Your Curriculum and Aligns to State Standards

A reliable NCLB indicator, delivered in time to improve student achievement

- Prepares your students for state assessments
- Provides tools to move students toward proficiency
- Delivers a helpful, easy-to-use solution for understanding and interpreting student performance

A complete package of tools to promote student learning and success

- Formative and interim assessment in core science content areas designed to close achievement gaps
- Engaging, innovative assessment items that motivate students to achieve
- Vast Item Bank and Item Authoring capabilities allow teachers to create custom science assessments

Acuity Science components work together to help students succeed

Component	Description
Predictive Assessments	<ul style="list-style-type: none">• Include one Early Indicator and one Predictive Assessment in each of the summative testing grades, for grade bands 3–5 and 6–8• Map to your state standards• Indicate how students will likely perform on state NCLB exams• Facilitate administration during one class period
Item Bank	<ul style="list-style-type: none">• Gives teachers maximum flexibility in creating custom assessments• Maps to your state standards• Includes a comprehensive Distractor Analysis Report that highlights common student misconceptions• Includes tools for analyzing item responses
Item Authoring	<ul style="list-style-type: none">• Provides robust Item Authoring capabilities integrated with Acuity to allow educators to write their own selected-response assessment items• Offers permission-based tool for efficiently producing, managing, and organizing Item Authoring initiatives



It will change the way you think about assessment and learning

To learn more about **Acuity Science**, please contact CTB/McGraw-Hill at **800.538.9547**
or go to **AcuityForSchool.com** to take a tour or schedule a web demonstration.

