Data-Driven, Differentiated Instruction
Making a Measurable Difference in Learning

Galileo® K-12 Online
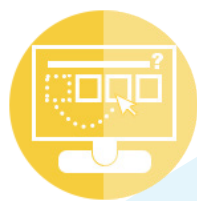
In every classroom you will find students with varying levels of learning. So how do you ensure that each student is appropriately challenged and can accurately demonstrate what has been learned? A "One size fits all" approach to teaching and assessing does not work. The ATI **data-driven, differentiated approach** centers on the student with a focus on appropriate instructional and assessment tools that are flexible, challenging, and engaging in meaningful ways.

EMPOWERING TEACHERS AS EDUCATORS

Galileo® K-12 Online *Dashboard* reports provide educators with the right tools for facilitating data-driven, standards-based differentiated instruction of three essential types:

- **skill mastery instruction** guided through information from the *Test Monitoring Report* and *Detailed Item Analysis Report*
- **standards mastery instruction** guided through information from the *Intervention Alert* and *Instruction Performance Tracker Report*
- **pattern of progress mastery instruction** guided through information from the *Student Growth and Achievement Report*

EMPOWERING STUDENTS AS LEARNERS

Galileo provides students with rapid access to a broad diversity of differentiated instructional learning opportunities aligned with their learning needs and pattern of progress. These opportunities include resources available in Galileo *Instructional Dialogs* coupled with district/educator developed/determined materials and with resources available on the web, such as those from KHAN ACADEMY® videos and activities and EngageNY lessons. Both local resources and those from the web can be delivered through customized *Instructional Dialogs* in Galileo.

HOW IT WORKS

Galileo K-12 Online *Dashboard* reports provide actionable assessment results that quickly inform differentiated instructional decision-making for individual students, classes, and tiered intervention groups based on their skill mastery, standards mastery, and/or pattern of progress. Plus, *Dashboard* reports directly link student assessment results to engaging instructional materials including interactive *Instructional Dialogs* and web-based resources such as those from KHAN ACADEMY® and EngageNY. These unique Galileo features facilitate rapid planning and scheduling of learning opportunities for all students.

All KHAN ACADEMY® content is available for free at www. khanacademy.org.
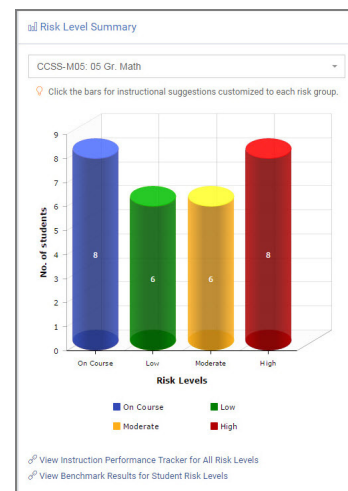
Engineered for

| STUDENTS | CLASSES | TIERED INTERVENTION GROUPS |

RISK LEVEL SUMMARY REPORT

Identifies the students who are On Course or at Low, Moderate, or High risk for not meeting standards on the statewide assessment. *Teacher Dashboard* view


TARGETING THE STANDARDS MASTERY LEVEL

Teacher Dashboard,
Risk Level Summary Report:

- select the library
- select the subject
- select the level for which the differentiated instruction will be planned (e.g. moderate)
- optional selection includes viewing all risk levels at once by choosing to view the *Instructional Performance Tracker* which then opens in a new window

Admin Dashboard:

At this level, administrators and specialists have the ability to direct differentiated instruction for an entire school or district.

creating technology to promote learning

Assessment Technology Incorporated
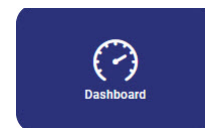
Galileo® K-12 Online

PLANNING DIFFERENTIATED INSTRUCTION

Based on student assessment results, the *Instruction Performance Tracker* will display an empirically sequenced listing of standards to guide instruction in ways that reduce student level of risk and lead to standards-mastery. Galileo provides an *Assignments* button for each grouping of standards (e.g. standards to move a student[s] from higher to a lower risk such as from Moderate Risk to Low Risk).

Clicking on the *Assignments* button generates a list of several instructional resources including Galileo *Instructional Dialogs* and web-based resources such as those from EngageNY aligned to standards in the grouping. These instructional materials can then be viewed, selected, and scheduled for an individual, class, or tiered intervention group.

Galileo *Instructional Dialogs* offer students interactive, multimodal opportunities to learn and apply skills. In addition, practice items with real-time feedback are embedded throughout the Dialogs along with a brief formative assessment at the end of instruction to help measure impact.

Galileo provides direct links from individual performance objectives within Galileo to web-based instructional materials. As with Dialogs, these materials may be viewed, selected and scheduled for a student, class or tiered intervention group. Users may navigate to other materials in the subject and skill by clicking on the activity path.

FOCUS

"ATI not only helped my leadership team but also our teachers to have a more data-driven focus."

— Dr. Stephanie De Mar, Principal
Creighton School District, AZ