

Comprehensive Instructional Improvement and Effectiveness System

With reports supporting educators making a measureable difference



Galileo® K-12 Online provides a standards-aligned comprehensive assessment system backed by a rigorous research-to-practice program that transforms high-powered data analyses (e.g., Item Response Theory [IRT]) into practical reports that make a measurable difference in teaching and learning. Galileo provides multiple types of reliable and valid assessments (e.g., benchmark, formative, pre-post, adaptive). Intuitive test construction interfaces and high-quality item banks also support the design and online/offline administration of district, school, and classroom assessments. Multi-level *Dashboards* provide real-time, actionable information about student learning to guide instruction, intervention, and enrichment. Moreover, Galileo's integrated *Digital Curriculum Platform* helps to fully connect assessment and instruction.

COMPREHENSIVE ASSESSMENT SYSTEM

- intuitive tools to create, manage, and administer multiple types of district, school, and classroom assessments
- robust ATI *Secure and Community Item Banks* in K-12 ELA, mathematics, and science with additional item bank options
- aligned to state-test blueprints or customized pacing guides
- powerful Item Response Theory (IRT) statistical analyses measuring growth, forecasting state test performance, & providing categorical growth analyses of instructional effectiveness
- valid and reliable data to facilitate effective instruction
- flexible methods for online or offline test administration with scanning technology

ITEM BANKS

- high-quality, standards-aligned items to engage students in complex thinking promoting college and career readiness
- rich selection of item types in K-12 ELA, mathematics, and science including technology enhanced items
- powerful item metadata and multi-tiered validation process driving reliability, validity, and forecasting accuracy
- additional item bank options from ATI partners



RESEARCH

- application of Item Response Theory (IRT) techniques to establish item characteristics (difficulty, discrimination, and guessing)
- application of IRT placing scores from multiple assessments on a common scale to assess student growth
- identification of cut scores forecasting likely student performance on statewide assessments
- annual determination of expectations for student growth



Comprehensive Assessment System



DISTRICT

PRE-BUILT

ATI Comprehensive Benchmark Assessment Series
Aligned to your state test blueprint & designed by ATI experts

ATI Assessments

Including Pre/Posttest, Instructional Effectiveness Tests, Early Literacy/Math Tests, College Prep Tests & many more

ATI Optional Assessments
Adaptive Placement Tests



CLASS

PRE-BUILT

ATI Formative Assessments
Assessing individual standards for use in instruction, reteaching, & enrichment

CUSTOMIZED

Educator Created Assessments
Designed using Galileo Test Builder & Item Builder or imported using Automated Score Key (ASK) Technology

Powered by ATI Research

IRT analyses for district assessments go beyond percent correct to measure growth & achievement & to forecast state test performance.

Galileo® K-12 Online

DASHBOARDS AND REPORTING

- *Teacher, Admin, and Parent-Student Dashboards* provide easy access to actionable information including data relevant to further reporting, instruction, and assessments
- interactive calendar
- instructional & assessment design and scheduling tools
- tools to facilitate access to instructional materials
- easy-to-interpret real-time graphical reports based on high-power statistical analyses procedures
- reports that use IRT to provide standards mastery classifications guiding differentiated instruction including:
 - **skill mastery** instruction guided by the *Test Monitoring and Detailed Item Analysis Reports*
 - **standards mastery** instruction guided by the *Intervention Alert and Instruction Performance Tracker*
 - **pattern of progress** instruction guided through the *Student Growth and Achievement Report*
- access to differentiated instructional learning resources aligned with student needs and pattern of progress including Galileo *Instructional Dialogs* and resources from **KHAN ACADEMY®** and **EngageNY**.

DIGITAL CURRICULUM PLATFORM

- a suite of online instructional tools that support the design building and implementing and monitoring of curriculums and lessons tailored to meet student needs
- easily integrate existing curriculum content, develop new content, and modify curriculums as needed
- easily design and disseminate units of study
- efficiently develop and implement lesson plans
- design empirically-based differentiated instruction
- rapidly link curriculum to benchmark, formative, and other types of assessments
- monitor student progress, standards mastery, and instructional impact * KHAN ACADEMY® materials are available free at www.khanacademy.com.

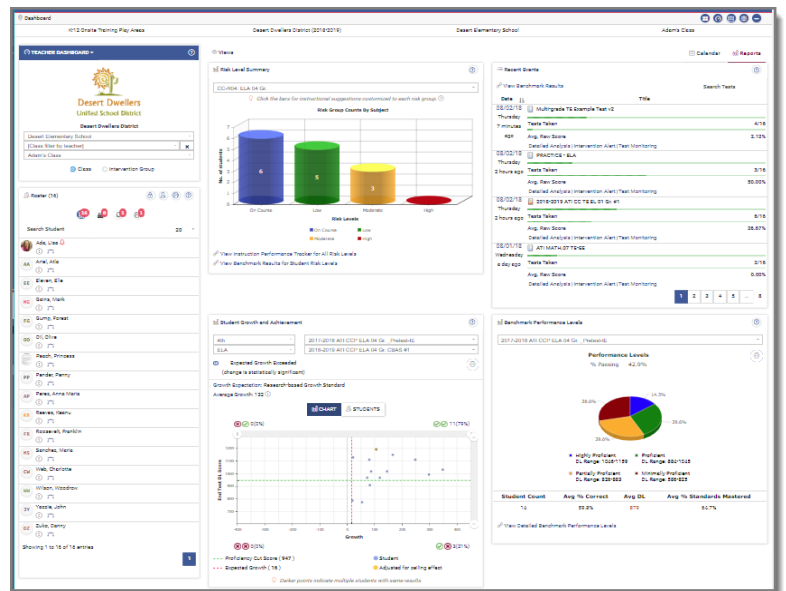
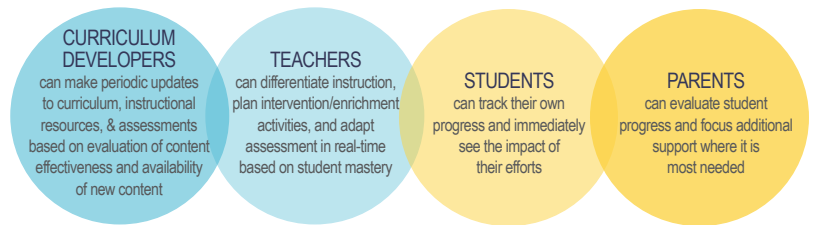
INSTRUCTIONAL EFFECTIVENESS

- educator proficiency rating tools and reports supporting classroom observation and guiding professional development
- state-of-the-art statistical analyses and actionable reports providing data to inform professional development, enhance teaching and leadership skills, and elevate student performance

SUPPORT & PROFESSIONAL DEVELOPMENT

- responsive technical support including implementation planning, project management, and technical and application-use support
- comprehensive, customized professional development and support on implementing and managing all aspects of Galileo K-12

GETTING CONNECTED WITH GALILEO DASHBOARDS



TEACHER DASHBOARD

The *Teacher Dashboard* enables teachers to implement curriculum and differentiated instruction, as well as track individual student performance, class performance, and intervention groups.



ON-SITE PD



SMALL GROUP WEBINARS



LEARNING ON DEMAND

ATI PROFESSIONAL DEVELOPMENT

We work together with district staff to determine the timing of PD, identify appropriate trainees, the method of PD that works best for the district, & select the PD components that are best suited for successful implementation.

Visit ati-online.com to learn more or contact us:

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