

## 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 pre-built 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 customized 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 customized and pre-built 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



## Powered by ATI Research

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

### Comprehensive Assessment System



#### DISTRICT

##### CUSTOMIZED

##### ATI Standards Aligned Curriculum Assessments

Broad array aligned to your pacing guide & designed by your educators in collaboration with ATI experts

##### 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

# 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](http://www.khanacademy.com).

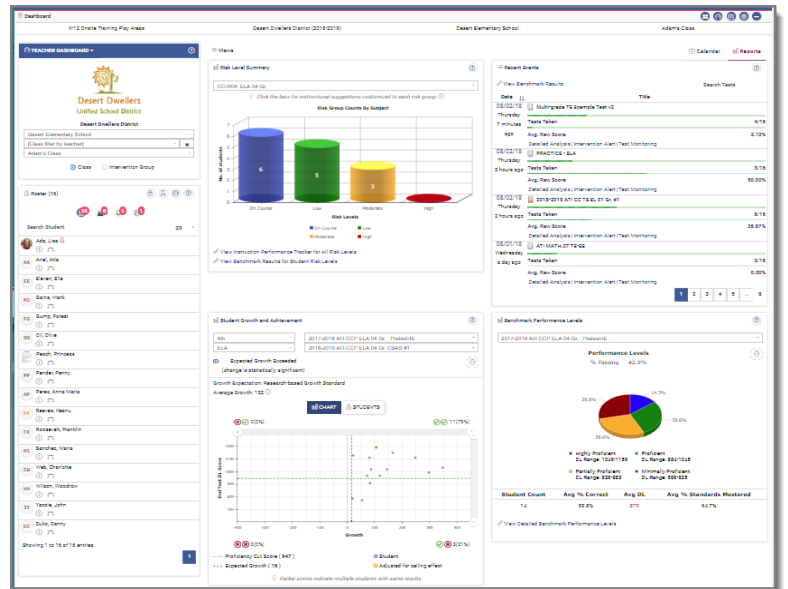
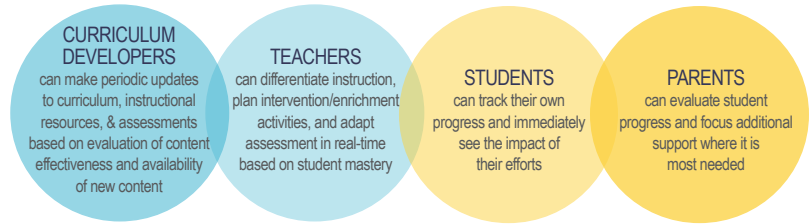
## INSTRUCTIONAL EFFECTIVENESS

- 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](http://ati-online.com) to learn more or contact us:

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