Meet College and Career Readiness Goals With HMH Assessments
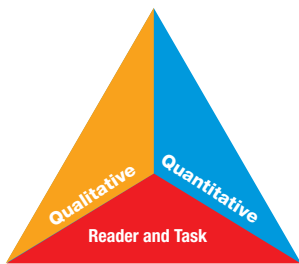
R Reading Inventory™

M Math Inventory™

The Common Core State Standards target college and career readiness for all students.

Using HMH Assessments, educators can set rigorous goals that will bridge the gap between students' skills and the significant demands of 21st century postsecondary pursuits.

HMH Reading Inventory

HMH *Reading Inventory* is a research-based, computer-adaptive assessment that measures reading comprehension on the Lexile® Framework for Reading. *Reading Inventory* reports in Lexile (L) measures and accurately shows growth over time from a beginning-reader level (BR) to graduate school-level reading (1725L).

How does *Reading Inventory* support the Content Standards of Common Core State Standards?
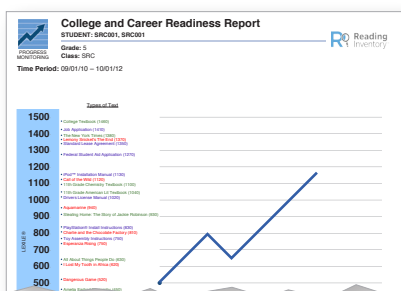

The Common Core State Standards recognize the need for both qualitative and quantitative characteristics of text complexity in the assessment of reading. Lexile measures assign values to the quantitative aspects of text complexity, and *Reading Inventory* measures students on that same scale. Some qualitative characteristics of text are shown in the HMH Book Expert database.

Reading Inventory completely supports the CCSS ELA Standard 10 by providing measures of student growth in reading comprehension over time with increasingly complex passages of fiction and nonfiction texts.

▶ The Content Standards correlation between HMH *Reading Inventory* and the Common Core State Standards can be accessed at hmhco.com/readinginventory

▶ The Book Expert Online database can be accessed at hmhco.com/assessmentsolutions

How do the *Reading Inventory* Performance Standards align to the Common Core State Standards?

The Common Core State Standards describe College and Career Readiness for English Language Arts as reading proficiency that is anchored to the text associated with first-year credit-bearing college courses and workforce training manuals.

▶ The median text demand for workplace, military service, and citizenship measures 1160L–1260L.

▶ The median text demand for postsecondary academic pursuits at the university level measures 1355L.

In *Reading Inventory*, the Grade 12 Proficient Performance Standards range from 1185L to 1335L. The Advanced Performance Standards range from 1390L and above.

▶ Students in the midrange of the *Reading Inventory* Proficient Standards and students achieving the Advanced Standards should be considered making progress to meet postsecondary reading demands.

▶ Students in Basic or Below Basic categories require intensive intervention to accelerate their reading trajectories.

HMH Math Inventory

HMH *Math Inventory* is a research-based, computer-adaptive assessment that provides a direct measure of students' readiness for math instruction on the Quantile® Framework for Mathematics. Student performance is reported in Quantile measures (Q), from the level of Emerging Mathematician (EM–0Q) through precalculus (1400Q).

How does *Math Inventory* correlate to the Common Core Content Standards?

Math Inventory provides more than 5,000 test items that are based on the 500 Skills and Concepts of the Quantile Framework for Mathematics. Like the Common Core State Standards, the Quantile Framework was developed by focusing on the most important standards. Fifty percent of *Math Inventory* items are on Number and Operations. Quantiles are based on the National Council of the Teachers of Mathematics Curriculum Focal Points, the precursor and foundation of the Common Core State Standards.

How do the *Math Inventory* Performance Standards align to the Common Core State Standards?

The Common Core State Standards cite Algebra as the gateway to college and career readiness. *Math Inventory* monitors students' performances up to Algebra Readiness, which is measured at 1030Q on the Quantile Framework.

▸ Students achieving in the Proficient Performance Standard in *Math Inventory* are on the path to receive Algebra I instruction by Grade 9.

▸ Students achieving in the Advanced Performance Standard are on the path to receive Algebra I instruction by Grade 8.

▸ Students achieving in the Basic and Below Basic Performance Standards require an intensive intervention in order to be successful in secondary mathematics coursework.

When the consortia assessments are released, a linking study to *Math Inventory* will be conducted so that schools have the option to align to them.

What Quantile measure corresponds to College and Career Readiness?

College and Career Readiness in mathematics is described as completion of Algebra II, or Quantile measure 1400Q. The focus of *Math Inventory* is to monitor growth to Algebra II. To support the need for instructional acceleration for high school students, *Math Inventory* will support screening and growth monitoring for all students through Algebra II.

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