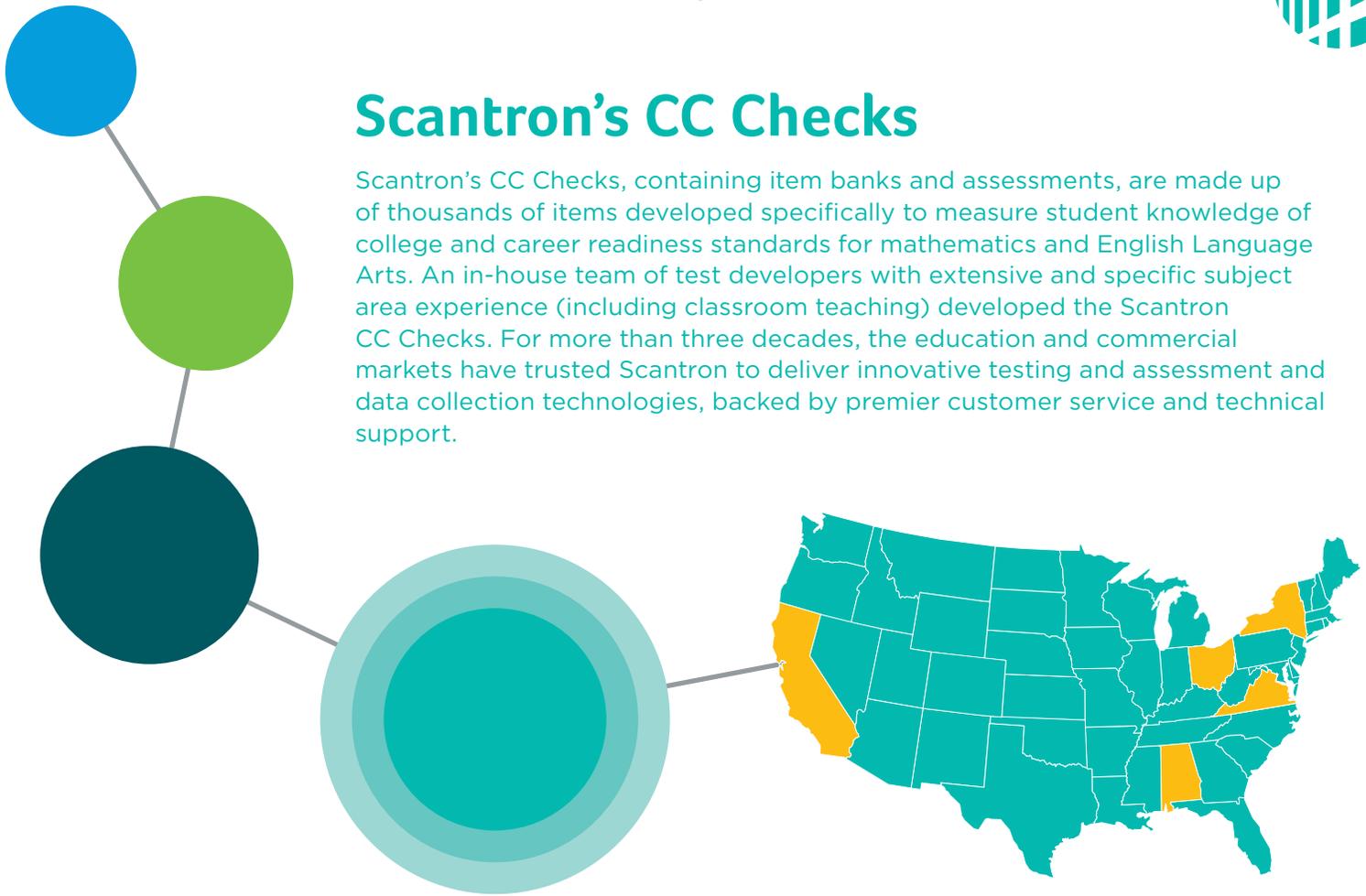# Scantron's CC Checks

Scantron's CC Checks, containing item banks and assessments, are made up of thousands of items developed specifically to measure student knowledge of college and career readiness standards for mathematics and English Language Arts. An in-house team of test developers with extensive and specific subject area experience (including classroom teaching) developed the Scantron CC Checks. For more than three decades, the education and commercial markets have trusted Scantron to deliver innovative testing and assessment and data collection technologies, backed by premier customer service and technical support.

Scantron's CC Checks Alignments

Subject	College and Career Readiness Standards
English Language Arts	2010 Common Core State Standards for English Language Arts & Literacy in History/Social Studies, Science, and Technical Subjects
Mathematics	2010 Common Core State Standards for Mathematics

Comprehensive College and Career Readiness-Aligned Items

The Common Core State Standards (CCSS) were unpacked during initial project-planning for Scantron's CC Checks. As standards were identified for development, they were analyzed and unpacked. Many standards include multiple skills or parts. Those standards and their parts are called out in the planning process so that, when applicable, assessment items can be written to each of the parts. While identifying a standard's parts is essential, it is also important that related standards at earlier grade levels be considered. The progression of content and skills from one grade level to the next can inform how a standard is unpacked.

The grades K–5 mathematics items are built around the Common Core's grades K–5 mathematics domains—Numbers and Operations in Base Ten (including Number and Operations-Fractions and Counting and Cardinality), Operations and Algebraic Thinking, Measurement and Data, and Geometry; the grades 6–8 items

are built around the Common Core's grades 6–8 mathematics domains—Geometry, Equations & Expressions, Ratios & Proportional Reasoning, Statistics & Probability, and The Number System. For each of the math domains there are nine assessments per grade, with a total of fifteen items each. The grades K–8 English Language Arts items are built around the Common Core's English Language Arts strands—Reading, Language, Writing, and Speaking and Listening. Within English Language Arts, there are fourteen Reading assessments, nine Language assessments, nine Writing assessments and four Speaking and Listening assessments per grade. In grades K–5, three of the reading assessments are dedicated to measuring silent reading fluency and comprehension. In Language, grades K and 1 each have an extra assessment (for a total of 10) to allow for separate assessments for printing capital and lowercase letters. In Reading, grade K has

two extra assessments (for a total of 16) to test recognition of letters in context and in isolation. The standards for each assessment have been grouped based on a team of subject matter experts' opinions about predictable instruction in the classroom.

Rigorous Item Development Process

Scantron utilizes a team of experienced content experts who develop and maintain Scantron's CC Checks. Target item difficulty levels and curricular domains are used by the team of experts, along with a library of specifically targeted resources (nationally adopted textbooks, subject-matter literature, etc.). Items are subject to peer review for quality and adherence to standards, grammatical accuracy, and grade appropriateness. All reading passages are analyzed, and readabilities are calculated to

ensure appropriate leveling across tests. As the Item Development Team develops initial items, those items are submitted to a team of independent editors for a rigorous review process.

Additional training on Item Writing and Item Banking is required, with training materials developed from the following resources:

- American Educational Research Association, American Psychological Association, & National Council on Measurement in Education. Standards for Educational and Psychological Testing. Washington, DC: American Psychological Association, 1999.

- Haladyna, Thomas M. Developing and Validating Multiple-Choice Test Items. Mahwah, New Jersey: Lawrence Erlbaum Associates, 1999.

- Roid, Gale H. and Thomas Haladyna. A Technology for Test-Item Writing. Orlando, Florida: Academic Press, 1982.

Scantron's CC Checks Counts

Grade	English Language Arts	Mathematics
Kindergarten	775	551
Grade 1	781	540
Grade 2	756	540
Grade 3	765	540
Grade 4	804	540
Grade 5	810	540
Grade 6	540	675
Grade 7	540	675
Grade 8	540	675
Total by Content Area	6,311	5,276

Total Combined Item Count: 11,587

Scantron's CC Checks Counts

Grade	Language	Reading	Speaking & Listening	Writing	Geometry	Measurement & Data
Kindergarten	172	408	60	135	135	135
Grade 1	172	414	60	135	135	135
Grade 2	135	426	60	135	135	135
Grade 3	135	435	60	135	135	135
Grade 4	135	474	60	135	135	135
Grade 5	135	480	60	135	135	135
Grade 6	135	210	60	135	135	
Grade 7	135	210	60	135	135	
Grade 8	135	210	60	135	135	
Total by Content Area	1,289	3,267	540	1,215	1,215	810

Grade	Number & Operations	Operations & Algebraic Thinking	Equations & Expressions	Ratios & Proportional Reasoning	Statistics & Probability	The Number System
Kindergarten	141	140				
Grade 1	135	135				
Grade 2	135	135				
Grade 3	135	135				
Grade 4	135	135				
Grade 5	135	135				
Grade 6			135	135	135	135
Grade 7			135	135	135	135
Grade 8			135	135	135	135
Total by Content Area	816	815	405	405	405	405

Total Combined Item Count: 11,587

The Editorial Team consists of professional educators (credentialed teachers and university professors) from across the United States who are subject-matter experts. This review team is tasked with carefully analyzing the content of each item, along with examining response choice construction and general proofreading. The content editors verify alignment to standards, age appropriateness, interest level, bias, sentence structure, vocabulary, clarity, and grammar/spelling.

Another team of educational experts from a sample of national educational communities representing diverse cultural backgrounds reviews and analyzes all item content for bias. Bias editors analyze how many passages and items have male or female main characters (or names), and whether each character has an active or passive voice. In addition, the bias editors ensure that passages and items contain ethnic or cultural diversity.

Assessment Banks

The assessments are a collection of quick, ready-to-use tests focused on a narrow set of Common Core State Standards that allow for the measurement of student progress. Each assessment is designed to take approximately 15 minutes. Careful attention was given to ensure complete coverage of each part of the Common Core, specifically addressing multiple parts of the many dense standards within the mathematics and English Language Arts documents. Student results can be used to measure student progress, pinpoint mastery, and identify areas of future instructional focus, making Scantron's CC Checks a tool that helps identify general classroom trends as well as individual students' needs.

Part of a Complete Assessment Solution

Scantron's solution combines a research-based, content-rich computer adaptive test known as Performance Series and a content-neutral, highly flexible testing platform known as Achievement Series that educators use to develop and administer online and paper-based tests. Scantron's complete assessment solution helps educators meet accountability requirements and raise the level of student achievement through a unique combination of standards-based assessment and computer-adaptive diagnostic testing.

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About Us

Scantron® provides a comprehensive set of solutions that help improve student outcomes in K–12 education. We offer software and services to meet the needs of customers' assessment programs regardless of where they are on the technology spectrum—pure paper, pure online, or anywhere in between.

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