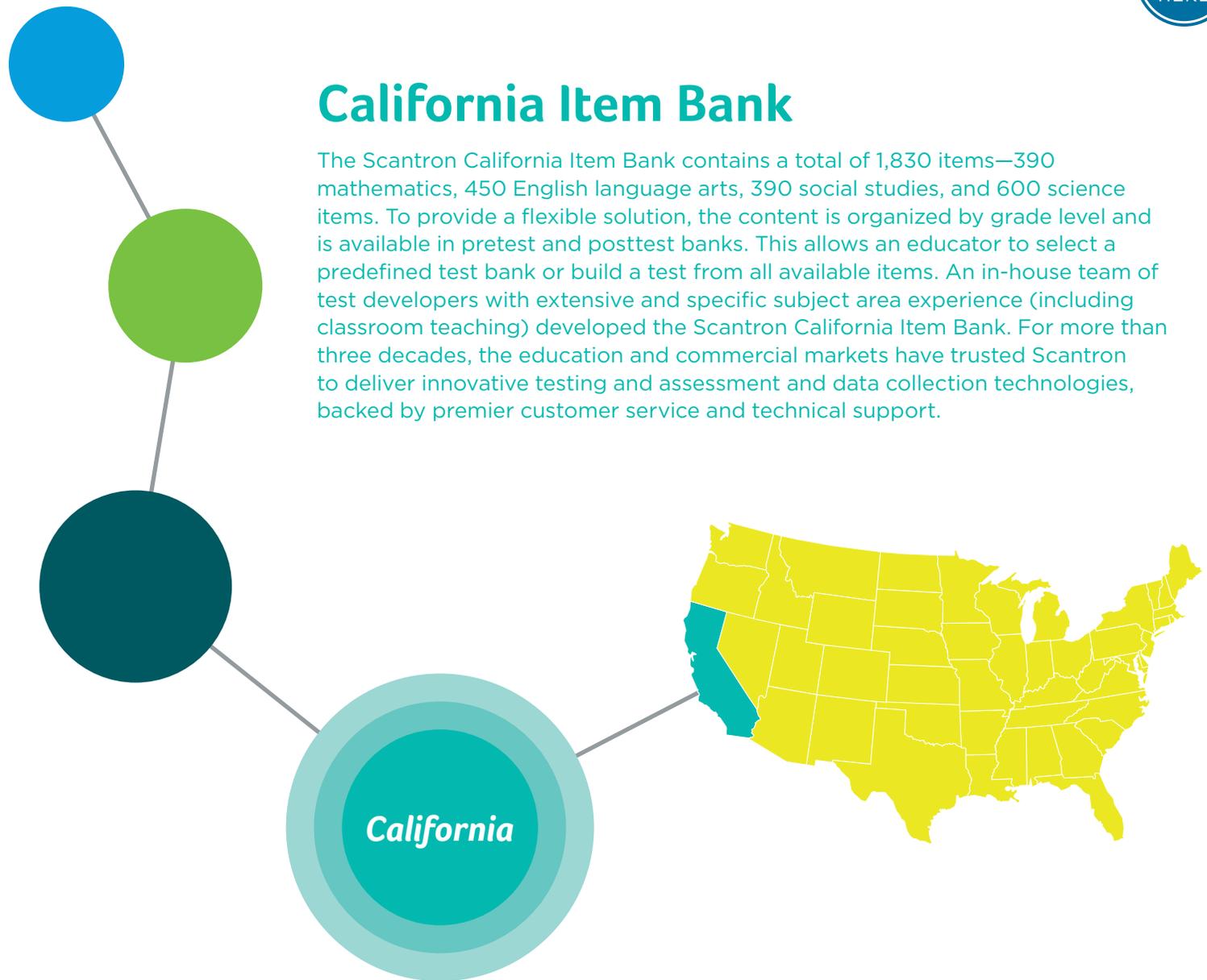# California Item Bank

The Scantron California Item Bank contains a total of 1,830 items—390 mathematics, 450 English language arts, 390 social studies, and 600 science items. To provide a flexible solution, the content is organized by grade level and is available in pretest and posttest banks. This allows an educator to select a predefined test bank or build a test from all available items. An in-house team of test developers with extensive and specific subject area experience (including classroom teaching) developed the Scantron California Item Bank. 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.

California

Comprehensive, State Standard Aligned Items

The Scantron California Item Bank was first released in 2011 to help educators create tests and interim assessments for their students. These assessments are aligned to the California Content Standards and address skills and concepts typically assessed on the California STAR tests. In addition, they are aligned to the California's Common Core State Standards (2010). This alignment to state standards provides administrators and teachers with standards-based reports that inform instruction.

Rigorous Item Development Process

Scantron employs a team of experienced content experts who build and maintain the Scantron California Item Bank. This team of experts draws from target item difficulty levels and curricular domains, along with a library of specifically targeted resources (nationally adopted textbooks, grade appropriate literature, etc.). Further, a variety of readability measures are used to calculate and verify the readability level of any passages aligned to items. Each item draft is then submitted to a team of independent editors for a peer review covering completeness, grammatical correctness, and grade-appropriateness.

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 Item Editing Team consists of professional educators (credentialed teachers and university professors) from across the United States, including the state of California. This team carefully analyzes question stem and response choice construction. The analysis includes areas such as the likely discrimination index for response choices, age-appropriateness, interest level, bias, sentence structure, vocabulary, clarity, grammar and spelling.

Further, a different team of educational experts from a sample of national educational communities representing diverse cultural backgrounds conducts a bias review. Bias reviewers analyze how many passages and items have male or female main characters, and whether each character has active or passive voice. In addition, the bias editors ensure passages and items contain ethnic or cultural diversity.

Part of a Complete Assessment Solution

Scantron's solution combines a research-based, content-rich computer adaptive test and a content-neutral, highly flexible testing platform 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.

California Item Bank Item Counts

Mathematics	Number of Items	English Language Arts	Number of Items	Social Studies	Number of Items	Science	Number of Items
Algebra 1	130	English Grade 9	150	Social Studies Grade 8	150	Biology	120
Algebra 2	130	English Grade10	150	Social Studies Grade 9	120	Chemistry	120
Geometry	130	English Grade 11	150	Social Studies Grade 11	120	Life Science	120
						Earth Science	120
						Physics	120
Total Items Per Subject Area	390		450		390		600

Total Combined: 1,830

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