



SCIENCE STANDARDS

When were GA's science standards last revised? The GA Performance Standards were phased in by grade and course from 2004-2008

BY GEORGIANS, FOR GEORGIANS

Though sets of national standards existed for science and social studies, Superintendent Woods worked with the State Board of Education to develop and implement a process to ensure a strong set of Georgia academic standards.

REVISIONS BASED ON STAKEHOLDER FEEDBACK

Surveying Georgia science teachers Science and social studies teachers across the state were asked to provide feedback for every single standard and element in their grade level or high school course — over 9,000 science teachers responded with participation from every school district. Regional Education Service Agencies (RESAs) helped GaDOE develop the survey and the University System of Georgia provided a third-party analysis of the survey results.

Surveying Georgians Over 2,000 parents, business/industry, post-secondary institutions, students, and taxpayers provided feedback on the current science and social studies standards. SEDL helped manage the surveys and GSU provided a third-party analysis of the survey results.

REVISIONS BASED ON STAKEHOLDER FEEDBACK

Working Committee Survey results were used by practicing Georgia science teachers to guide revisions made to the standards. 79 teachers served on 11 grade level and high school course-level groups that examined and revised the standards.

Advisory and Academic Committees These included business and industry, representatives from Georgia's university and technical college systems, instructional leaders from school districts, nonprofit organizations, and other education-related state agencies.

HIGHLIGHTS

Characteristics of Science and the Nature of Science standards are embedded in the science content standards for K-8 and high school courses.

Engineering practices are embedded and expanded across all grades and high school courses to bridge the gap between conceptual understanding and practical application.

GUARANTEED AND VIABLE STANDARDS

Teachers will have a full year to prepare for the new standards with targeted professional learning, resources, and assessment frameworks/items provided before revised standards are expected to be implemented in Georgia classrooms.

9,237

Science teachers statewide took the standard-level survey

11

Grade level & high school course-level committees mostly made up of teachers

168

Georgians served on science committees that revised the standards

March 2015 Superintendent announces revisions for Georgia's science and social Studies standards.

June 2015 Teacher Survey Over 9,000 science teachers responded to the survey.

Sept. 2015 External Stakeholder Survey We heard back from parents, business/industry, post-secondary institutions, students, and taxpayers.

Oct. 2015 Working Committee made up of mostly Georgia teachers representing grades K-8 and high school courses, along with post-secondary institutions and business/industry, used the survey results to guide the revisions.

Nov. 2015 Advisory Committee made up of teachers, business/industry, parents, organizations, and postsecondary institutions reviewed the revisions and made additional recommendations.

Nov. 2015 Academic Review Committee made up of teachers, business/industry, organizations, and postsecondary institutions reviewed the revisions and made additional recommendations.

Jan. 2016 (Tentative) Standards will be posted for public review and comment for 60 days.

March 2016 (Tentative) State Board of Education votes on whether to adopt the proposed standards

2016-17 Full year of initial teacher training will be provided for the revised standards

2017-18 (Tentative) Full implementation of the K-12 Georgia Standards of Excellence for Science.