



VIRGINIA BOARD OF EDUCATION

AGENDA ITEM

Agenda Item: M

Date: January 27, 2022

Title: Written Report: Timeline for the Mathematics SOL Review and Revision Process

Presenter: Ms. Tina Mazzacane, Mathematics Coordinator

Email: Tina.Mazzacane@doe.virginia.gov

Phone: 804-225-4849

Purpose of Presentation:

For information only: No action required.

Executive Summary

The *Mathematics Standards of Learning* and the *Mathematics Standards of Learning Curriculum Framework* were adopted in 2016 and are scheduled for review in 2022-2023. The 2016 *Mathematics Standards of Learning* and the *Mathematics Standards of Learning Curriculum Framework* may be viewed [online](#).

Goal 2 of the Virginia Board of Education (Board) *Comprehensive Plan: 2018-2023* calls for the development of rigorous standards to promote college and career readiness through a review of all of the Standards of Learning (SOL) on a regular basis.

Using an established review process and criteria, the Virginia Department of Education (VDOE) plans a review of the current *Mathematics Standards of Learning* according to the attached projected timelines (Attachment A – Projected Timeline for the Review and Revision of the *Mathematics Standards of Learning and Curriculum Framework Documents*). The VDOE will seek input from K-12 educators, faculty from institutions of higher education, the business community, professional education organizations, citizens, and parent groups, as delineated in the timeline.

Action Requested:

No action requested.

Previous Review or Action:

No previous review or action.

Background Information and Statutory Authority:

The *Code of Virginia* requires a review of Virginia’s Standards of Learning every seven years.

Code of Virginia, [Section 22.1-253.13:1-B](#). . . “The Board of Education shall establish a regular schedule, in a manner it deems appropriate, for the review, and revision as may be necessary of the Standards of Learning in all subject areas. Such review of each subject area shall occur at least once every seven years. Nothing in this section shall be construed to prohibit the Board from conducting such review and revision on a more frequent basis. . .”

Timetable for Further Review/Action:

It is anticipated that proposed revisions to Virginia’s *Mathematics Standards of Learning* will be brought to the Board for first review in September 2023.

Impact on Fiscal and Human Resources:

The VDOE administers the state standards review process. The agency’s existing resources can absorb this responsibility at this time.

**Projected Timeline for the Review and Revision of the
*Mathematics Standards of Learning and Curriculum Framework Documents***

September 2019 through November 2021

The Department of Education worked with educators and key stakeholders to explore steps needed to improve and modernize mathematics instruction in the Commonwealth. Additional stakeholder feedback was sought to inform the work of revising the *Mathematics Standards of Learning* in 2023.

December 2021

The Department of Education prepared for the review process with the creation of public comment feedback forms and collaborated with leadership in creating a timeline and process for submitting public comment on the revision of the 2016 *Mathematics Standards of Learning and Curriculum Framework*.

January 2022

The Department of Education presents the projected timeline for the review of the *Mathematics Standards of Learning* and *Mathematics Standards of Learning Curriculum Framework* to the Board of Education. Public comments will be officially solicited from January 27 - March 1, 2022.

The Department of Education publishes a Superintendent's Memorandum that:

- announces the schedule of the review process;
- announces the availability of a review process page posted on the Department of Education's Web site that provides a timeline and procedures for submitting public comment on the *Mathematics Standards of Learning* and *Mathematics Standards of Learning Curriculum Framework*; and
- requests division superintendents share information about the review process page with instructional staff and encourage staff to apply to serve on the 2023 *Mathematics Standards of Learning* review committee.

The Department of Education posts the review process page on its Web site that provides a timeline and process for submitting public comment on the *Mathematics Standards of Learning* and *Mathematics Standards of Learning Curriculum Framework*. The public comment period will be active for no less than 30 days.

March 2022

The Department of Education will convene a Mathematics Education Advisory Committee (MEAC) to review public feedback and support the revision process.

May 2022

Department of Education staff identifies members to serve on the *2023 Mathematics Standards of Learning* review committee.

Department of Education staff aggregates and conducts a preliminary analysis of the public comments entered on the Web page.

June 2022

The steering committee (a subset of the *2023 Mathematics Standards of Learning* review committee) meets for four days (two days virtually and two days face-to-face) to:

- review and analyze statewide public comment;
- review and select national and international documents and reports necessary to inform the revision process;
- receive training on leading grade-band teams through the standards revision process; and
- make recommendations for potential revisions to the standards.

The review committee meets for six days (two days virtually and four days face-to-face) to:

- review a summary of statewide public comment and analysis of the steering committee;
- review national and international documents and reports selected by the steering committee; and
- make recommendations for potential revisions to the standards and curriculum framework.

July – October 2022

Department of Education staff prepare a draft of the proposed *2023 Mathematics Standards of Learning* and *2023 Mathematics Standards of Learning Curriculum Framework* based upon the work of the steering and review committees.

November 2022

The Department of Education shares a draft of the proposed *2023 Mathematics Standards of Learning* and *2023 Mathematics Standards of Learning Curriculum Framework* with mathematicians and mathematics educators in institutions of higher education across Virginia and professional organizations that focus on mathematics education for review and comment.

The Department of Education shares a draft of the proposed *2023 Mathematics Standards of Learning* and *2023 Mathematics Standards of Learning Curriculum Framework* with representatives of the business community for review and comment.

The Department of Education meets with the Mathematics Education Advisory Committee (MEAC) to seek feedback on the draft of the proposed *2023 Mathematics Standards of Learning* and *2023 Mathematics Standards of Learning Curriculum Framework*.

January 2023

Department of Education staff and the steering committee review comments from higher education staff and business community representatives on the proposed 2023 *Mathematics Standards of Learning* and 2023 *Mathematics Standards of Learning Curriculum Framework* and make revisions.

March 2023

The Department of Education presents the draft of the proposed 2023 *Mathematics Standards of Learning* and 2023 *Mathematics Standards of Learning Curriculum Framework* to the Board of Education for first review.

A Superintendent's Memorandum announces the schedule for public hearings and process for submitting public comment on the proposed 2023 *Mathematics Standards of Learning* and 2023 *Mathematics Standards of Learning Curriculum Framework*. The public comment period will be active for 30 days.

April 2023

Public hearings held as prescribed by the Board of Education.

Department of Education staff reviews statewide public comment and make edits, as necessary.

September 2023

The Superintendent of Public Instruction presents the proposed 2023 *Mathematics Standards of Learning* and 2023 *Mathematics Standards of Learning Curriculum Framework* to the Board of Education for final review and adoption.

The Department of Education posts the final documents on its Web site.

2023-2024 School Year

Department of Education staff provides a crosswalk between the 2016 *Mathematics Standards of Learning* and the 2023 *Mathematics Standards of Learning*.

School divisions incorporate the new standards into local written curricula for inclusion in the taught curricula during the 2024-2025 school year.

2024-2025 School Year

Crosswalk year: 2016 *Mathematics Standards of Learning* and 2023 *Mathematics Standards of Learning* included in the written and taught curricula.

Standards of Learning assessments in spring 2025 measure the 2016 *Mathematics Standards of Learning* and include field test items measuring the 2023 *Mathematics Standards of Learning*.

2025-2026 School Year

Full-implementation year: Written and taught curricula reflect the 2023 *Mathematics Standards of Learning*.

Standards of Learning assessments measure the 2023 *Mathematics Standards of Learning*.