


STATE OF HAWAII
DEPARTMENT OF EDUCATION
KA 'OIHANA HO'ONA'AUAO
P.O. BOX 2360
HONOLULU, HAWAII 96804

OFFICE OF THE DEPUTY SUPERINTENDENT OF ACADEMICS

April 9, 2026

TO: The Honorable William Arakaki
Chairperson, Student Achievement Committee

FROM: Heidi Armstrong 
Deputy Superintendent of Academics

SUBJECT: Department of education update on mathematics content and performance standards

1. EXECUTIVE SUMMARY

The Hawai'i State Department of Education (Department) has engaged in a review of the mathematics (math) content and performance standards, following the process detailed in the Department's Curriculum Management System (CMS). A standards committee conducted a rigorous review process to ensure the modernization and clarification of the K-12 content and performance standards for math. The purpose of this presentation is to provide the Hawai'i State Board of Education (Board) with updates on the revisions, as well as to initiate an interactive feedback process with internal and external stakeholders.

2. DESCRIPTION

The Department has produced the draft revised *Hawai'i Common Core Standards for Mathematics (HCCS-Math)*. The following summarizes the changes proposed for the Board's consideration:

- Elementary: Added two new standards regarding measurement and data (Kindergarten) and the use of money (1st Grade).
- Middle: Reorganized standards to create a clear "algebra throughline" and renamed *Statistics and Probability* to *Data Literacy* to elevate data analysis.

- High: Shifted from broad math categories to a course-by-course structure under the following headings, with flexibility for sequencing based on individual school needs and middle-to-high school transitions:
 - Geometry + Probability
 - Algebra 1 + Data Analytics
 - Algebra 2
 - Quantitative Reasoning

The Department will engage in an iterative process of feedback collection to examine the impacts of the proposed changes at each level of the system. At the conclusion of this feedback cycle, including any necessary revisions, the Department will return to the Board with a recommendation.

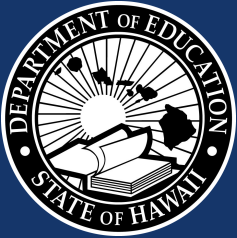
3. PRESENTATION

The Department will present the process by which the draft HCCS-Math were produced, focusing on the key revisions suggested and proposing additional feedback cycles for Department-wide investment.

Thank you for your continued support of public education.

HA:tu
Attachment

c: Office of Curriculum and Instructional Design



HAWAII STATE DEPARTMENT OF EDUCATION

Office of Curriculum and Instructional Design

Department of education update on mathematics content and performance standards

Hawai'i State Board of Education
Student Achievement Committee
April 9, 2026

Dr. Teri Ushijima, Assistant Superintendent, Office of Curriculum and Instructional Design



Curriculum Management System (CMS)

Guidance regarding standards revision and instructional materials adoption

Developed in 2020 and finalized June 2021



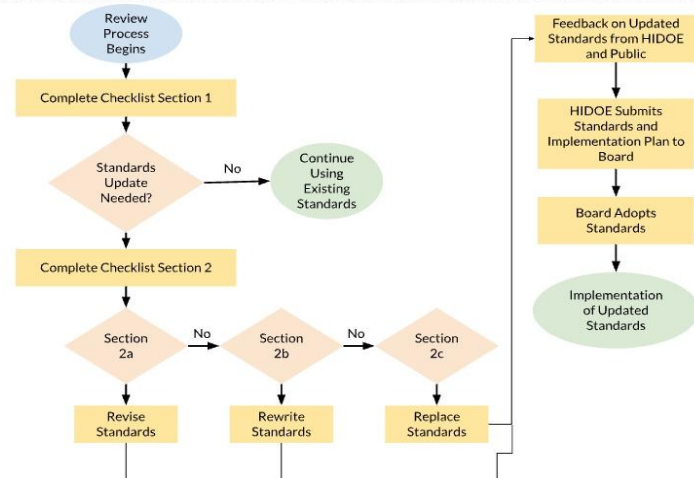
Curriculum Management System &
Instructional Materials Approval Process

Office of Curriculum and Instructional Design
State of Hawaii | Department of Education
June 2021



Standards Review and Adoption Process Flowchart

Projected standards review timelines are provided below, but changes in the landscape may necessitate adaptations to these timelines.





Standards Revision Process

September 2024 Initial Review Group

Determined need for
Mathematics Standards
revision

- Administrators
- State educational officers
- Complex area educational specialists
- State and Complex area resource teachers
- Classroom teachers
- University faculty

October 2024 - November 2025 Revision Group

Provided line-by-line
feedback and wrote revisions
with rationales, clarifications,
and limitations

- Administrators
- State educational officers
- Complex area educational specialists
- State and Complex area resource teachers
- Classroom teachers
- University faculty

January - February 2026 Revision Group

Reviewed public feedback
and wrote revisions with
rationales

- Administrators
- State educational officers
- Complex area educational specialists
- State and Complex area resource teachers
- Classroom teachers
- University faculty



Initial Stakeholder Feedback Process

Conducted Winter 2025



Department Preliminary Feedback



K-8 Standards Revision: Feedback - Round 1

Mahalo nui for taking the time to provide preliminary feedback for our Hawai'i State Mathematics Standards revision efforts. Your perspective is invaluable to us. We appreciate your dedication to improving the mathematics experience for all of our students.

Please note: this invitation is extended specifically to you. Should you know someone who would also be a valuable participant, please feel free to share their contact information with me, and I will forward the relevant details.

This form is asking for feedback on revisions for K-8 standards and a proposal for a new high school sequence of courses. The high school standards revision feedback opportunity will be shared in a separate form.



Public Feedback

Hawai'i Department of Education Math ...

Hawai'i Department of Education
**Mathematics Standards Revision
Public Feedback**

The Hawai'i Department of Education (Department) invites your feedback on the current draft of the new Hawai'i Mathematics Standards

The process and timeline for standards revisions are delineated in the Curriculum Management System - available on the [Learning Design Website](#). All content areas in the Department undergo regular review and revision to ensure that content area teaching is up-to-date and reflective of best educational practices.

These revisions represent the collective input of teachers, educational specialists and post-secondary faculty members from across the state of Hawai'i.

Thank you for taking the time to provide feedback via the link provided below by **Sunday, December 14, 2025**.



OCID Revision of Math Standards

Hawai'i Department of Education

**Hawai'i Common Core Standards for
Mathematics**

March 05, 2026 - 07:54 AM

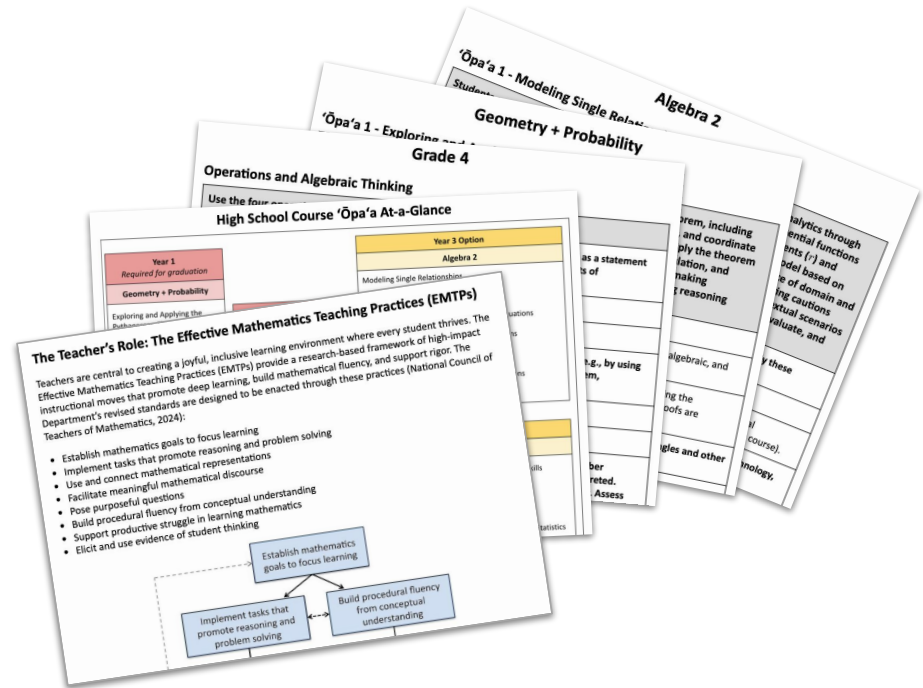


Hawai‘i Common Core Standards for Mathematics

	Original	Revised
K - Grade 2	69	71
Grades 3 - 5	79	79
Grades 6 - 8	81	77
High School	113*	92**

*Note: Does not include the optional (+) standards in the original Common Core State Standards, which were also not expected to be addressed on high stakes assessments.

**Note: Does not include standards for the new Quantitative Reasoning course.





Key Updates to the Draft Mathematics Standards

Kindergarten-5th

- Added two new standards to support *Measurement/Data* and the use of money
- Revised language in some standards for clarity

6th-8th

- Reorganized key standards
- Reduced duplicate standards
- Created *Linear Relationships* domain (strengthens algebra throughline)
- Renamed *Statistics and Probability* to *Data Literacy*

9th-12th

- Reorganized standards by course:
 - Geometry + Probability
 - Algebra 1 + Data Analytics
 - Algebra 2
 - Quantitative Reasoning



Examples of Clarifications and Limitations

7.G.2 Know the formulas for the area and circumference of a circle and use them to solve problems.	
Clarifications	<ul style="list-style-type: none">a. Give an informal derivation of the relationship between circumference and area of a circle.b. Solve real-world problems using circles and circumference.
Limitations	<ul style="list-style-type: none">o Limit equations to the forms $px + q = r$ or $p(x + q) = r$, where p, q, and r are rational numbers.

Clarifications further explain/detail expectations around the standard including what should be assessed as part of the standard. They must be viewed as supporting the standard rather than representing the standard in its entirety. They are indicated with letters throughout the standards document.

The limitations of a standard describe the boundaries and restrictions in the scope of a particular [grade level/course] standard [for a grade level or course]. They are indicated with bullets throughout the standards document.



What Support can the Board Provide?

1

Review the Department's draft
*Hawai'i Common Core Standards for
Mathematics*

2

Consider the Department's possible
future recommendations regarding
the draft *Hawai'i Common Core
Standards for Mathematics*