

Standards Review Meeting

July 12, 2016

Objectives for Today

- Understand the standards review process and its priorities
- Understand and use the Elements of Quality Standards to revise the mathematics standards for South Dakota
- Employ effective strategies to communicate and work with a team

Norms for Today

- Speak with the possibility of being heard and listen with the possibility of being changed.
- Be present, and be your best self.
- Everyone has something to learn. Everyone has expertise to offer.
- We need each other.
- You have the right to ask for help, and the duty to assist.
- Be willing to experience discomfort.
- Expect and accept non-closure.

- Housekeeping - reimbursement forms
- Quick Info: SDCTM, DOE ListServes, Virtual Coaching
- Reminder of the Review Process
- Geometry Vertical Review
- Fractions/Number Sense Vertical Review
- Review of the Standards for Mathematical Practice
- Final Review of Grade Level Standards Documents
 - Check accuracy of documentation rules
 - Check match to vertical document
- Sign-up for Presentation of Standards
- Creation of Glossary and Overall Introduction
- Plans for Roll-out and Gathering Feedback

State of South Dakota K-12 Data Center



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K-12 Mailing List Information

As part of the Connecting the Schools Project we have set up a State-wide Mailing List server to host the K-12 lists that you need.

If you or your school district would like to have a mailing list created please take a look at this FAQ as it tells you the process. <https://members.k12.sd.us/in/Support/FAQs.aspx?id=103>

General Information about the mailing list server at the K-12 Data Center.

- The address to subscribe to **ANY** or **ALL** of the lists at the K-12 Data Center is:
ListManager@k12.sd.us
- Then in the body of the message type: *Subscribe name-of-list* ("Subscribe blank space and then the name of the list you wish to subscribe to")
- **Couple of notes:**
 - You do not need anything in the subject line
 - You need to remove your signatures
 - You should not send any HTML formatted messages - i.e. remove any background images you have in your messages etc.

Department of Education Mailing Lists (DOE)

- [Data STARS](#)
- [DOE 1st Grade Teachers](#)
- [DOE 2nd Grade Teachers](#)
- [DOE 3rd Grade Teachers](#)
- [DOE 4th Grade History](#)
- [DOE 4th Grade Teachers](#)
- [DOE 5th Grade Teachers](#)
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<http://doe.sd.gov/contentstandards/review.aspx>

- Meeting notes and summary
- Presentations
- Workgroup members
- Grade/Course level excel standards document
- Introductions (grade/course level and overall)
- Summary/highlights document - written to be accessible to teachers and non-teachers

Features of a Quality Standard

Quality Standards Checklist

Sample justifications for making changes

- Improving clarity: Clarified language or removed ambiguous or vague language
- Adding critical content & skill: added critical content or ...
- Making connections within grades and across grades
- Removing teacher actions

Key Features of a Quality Standard

Standards Do...	Standards Do NOT...
Identify key knowledge and skills that students should demonstrate by the end of the year (Developmentally appropriate)	<ul style="list-style-type: none"> • Focus on teacher actions or what teachers should do to teach that content • Require specific instructional strategies, approaches, curricula or text to be used • Omit critical content
Connect learning within and across grades levels or course.	<ul style="list-style-type: none"> • Include unnecessary repetitive standards • Create contradictions within a grade or within standards in other grades • Create gaps in the progression of learning within and across grades or courses
Use clear language that clarifies for all stakeholders what students should be able to know and do at the end of a particular grade or course. *Keep in mind language in some standards may require more specificity than other standards.	<ul style="list-style-type: none"> • Use ambiguous or vague language

South Dakota Standards Revision and Adoption Timeline

Adopted by State Board of Education Nov. 29, 2010

Content Area	Standards Approved
Common Core Mathematics *	Fall 2010
Common Core English Lang. Arts *	
Health Education *	
Arts, Audio-Video Tech & Communication	Summer 2011
Hospitality and Tourism	
Library *	
Personal Finance *	
STEM	
World Language *	

The review process allows for stakeholders to review the standards and make adjustments to the standards on a 5-7 year rotation.

South Dakota Standards Revision and Adoption Timeline

The following standards are scheduled to be adopted on a five year rotation cycle for Career & Technical Education and seven years for core content.

Standards	Four Public Hearings	Approved by BOE	Capacity Building	Teach to Standards	Assessed
Physical Education	2014	Fall 2014	2014-2015	2015-2016	Local assessments
K-12 Technology	2014 - 2015	Summer 2015	2015-2016	2016-2017	Local assessments
Fine Arts					Grades 5, 8, 11: Spring 2018
Social Studies					
Science					
Foundational Career and Technical Education	2015-2016	Spring 2016	2016-2017	2017-2018	Field Test 2017-2018
Law Public Safety Corrections and Security Career Cluster					Full Implementation 2018-2019
Informational Technology Career Cluster					
STEM Career Cluster					
Architecture and Construction Career Cluster					
Education and Training Career Cluster					
Agriculture Food and Natural Resources Career Cluster	2016-2017	Spring 2017	2017-2018	2018-2019	Field Test 2018-2019
Arts, Audio-Video Tech & Communication Career Cluster					Full Implementation 2019-2020
Finance Career Cluster					
Health Science Career Cluster					
Human Services Career Cluster					
Manufacturing Career Cluster					
English Language Arts	2017-2018	Spring 2018	2018-2019	2019-2020	Grades 3-8, 11 in Spring of 2020
Business Management and Administration Career Cluster					Field Test 2019-2020
Hospitality and Tourism Career Cluster					
Marketing Career Cluster					Full Implementation 2020-2021
Transportation Distribution and Logistics Career Cluster					
Government and Public Administration Career Cluster					
Health Education					
Oceti Sakowin Essential Understandings & Standards			2018-2020	2020-2021	Local assessments
Math					Grades 3-8, 11 in Spring of 2021

Elements of the Review Process

- **Initial Review by Standards Review Team (June/July 2016)**
 - Team members are solicited from a variety of backgrounds including k-12 teachers, administrator and/or curriculum directors, instructional coaches, postsecondary personnel, parents, and business & industry.
- **Educator Feedback (2016-17)**
 - Feedback will be gathered from educators that were not part of the committee
- **Final Review (June 2017)**
 - A final review by the Standards Review Team
- **Four Public Hearings (2017-18)**
 - Held in Aberdeen, Pierre, Rapid City, and Sioux Falls
- **Approval and adoption by the State Board of Education (Spring 2018)**

Consensus has been achieved when every person involved in the decision can say, “I believe this is the best decision we can arrive at for the organization at this time, and I will support its implementation.”



- Use the guidelines for quality standards and other state standards and resources to discuss SD standards one at a time.
- Capture recommendations on Google Excel
- Review a section or set of the standards at a time
- As a large group review the section or set standards for vertical alignment
- Repeat the process

Math Standards Domains

Math Standard Domain Names

K	1	2	3	4	5	6	7	8	HS
Counting & Cardinality (CC)									
Operations & Algebraic Thinking (OA)	Expressions & Equations (EE)	Expressions & Equations (EE)	Expressions & Equations (EE)	Algebra (A)					
Number & Operation in Base Ten (NBT)	The Number System (NS)	The Number System (NS)	The Number System (NS)	Number and Quantity (N)					
			Number & Operations – Fractions (NF)	Number & Operations – Fractions (NF)	Number & Operations – Fractions (NF)	Ratios & Proportional Relationships (RP)	Ratios & Proportional Relationships (RP)	Functions (F)	Functions (F)
Measurement & Data (MD)	Statistics & Probability (SP)	Statistics & Probability (SP)	Statistics & Probability (SP)	Statistics & Probability (S)					
Geometry (G)	Geometry (G)	Geometry (G)	Geometry (G)						

Documentation Rules

- Strike through words the team wants eliminated
- Use red and bold font for additions to the standards
- Identify if the standards will stay the same or has a proposed change
- Identify the type of change
 - Removed, Rewritten, broken-up, combined, moved to a different grade level
- Identify the Quality Standards Rule # that was used to justify improvements
- Summarize reason for proposed change
- Open the vertical alignment excel document and make the formatting changes to the appropriate standard.

Questions to Discuss

- Is the edit necessary?
- Does the proposed wording of the revised standard meet the qualities standards guidance?
- Do the proposed edits maintain connections within and across grades? If not, what other standards are impacted?

Other Items To Consider

- **Curriculum:** the means and materials with which students will interact for the purpose of achieving identified educational outcomes
 - Focus on standards - standards must be established before all else
 - Standards need to consider the needs of all contexts and stakeholders in South Dakota. We are setting expectations for all students across the state.
- **Formatting Standards:** During the 16-17 School Year, the Department of Education will bring a group together to review formatting of the standards (visual look).

Standards for Math Practice

General Comments -

- What do we need to consider about the overall structure? How can the structure help teachers better use the SMPs?
- What do we need to do with examples?
- How do we help teachers understand the K-12 developmental nature of the SMPs? They are the only standards that apply to every grade K-12.

Review by Standard -

- 1 - 4 are in one document
- 5 - 8 are in a second document

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