

Kansans **CAN**



# K-12 Mathematics

Standards Review for 2017 Board Adoption

Melissa Fast, KSDE, Math Education Consultant  
Chris Carter, USD 233, Review Committee Chair  
Debbie Thompson, USD 259, Writing Committee Chair

# New Vision-Aligned Outcomes

- Kindergarten readiness
- Increase graduation rates
- Increase percentage of students completing a credential or pursuing post-secondary education.
- Individual plan of study focused on career interest for each student (including civic engagement)
- Social/emotional factors relative to student success are to be measured locally.

# The Charge

- Review Current K-12 Mathematics Standards
- Engage in Honest, In-Depth Conversation Regarding
  - Kansas K-12 Students, Current Math Standards, and Potential Changes
- Produce Updated K-12 Math Standards (if necessary)
- Present Updated K-12 Math Standards to the Kansas State Board of Education (Late Spring/Summer 2017)

# Group Members

## Writing Committee

K – 5



9 – 12

Cherrly Delacruz, USD 501

Senator Forest Knox

Kim Lackey, USD 383

Sheila Meggers, USD 308

John Scoggins, USD 320

Sarah Stevens, Consultant

Rich Wilson, USD 233

# Group Members

## Review Committee

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9 – 12

Jessica Barger, USD 512

**Christopher Carter – Chair, USD 233**

Larry Diepenbrock, USD 423

Kelli Ireton, USD 475

Rhonda Willis, USD 250

# Ad Hoc Members

Mickey DeHook – Parent Representative

Shana Gorton – Parent Representative

William Thompson – Business & Industry Representative

Ryan Willis – Business & Industry Representative

Patrick Woods – Business & Industry Representative

Paul Wallen – Business & Industry Representative

Dr. Paula Hough – MTSS Representative

Shelby Jansen - Wichita Area Technical College

Martin Kollma - KSDE CTE Consultant

Barbara Dayal – KSDE Early Childhood Special Education

Vera Stroup-Rentier – KSDE Early Childhood Special Education

Lisa Lajoie-Smith – KATM Representative

Deb Matthews – KSDE Special Education Assessment

Alicia Stoltenberg – CETE Math Test Development Coordinator

Parents

Business/Industry

Education Organizations

# Current Progress



**Who:**  
Writing Group

**What:**  
2-Day Meeting

**When:**  
May 11<sup>th</sup> & 12<sup>th</sup>

**Where:**  
Topeka

**Why:**  
Work on Draft 1



**Who:**  
Writing Group

**What:**  
3-Day Meeting

**When:**  
July 25<sup>th</sup> – 27<sup>th</sup>

**Where:**  
Topeka

**Why:**  
Work on and  
Complete Draft 1



**Who:**  
Review Group

**What:**  
Virtual Work

**When:**  
September

**Where:**  
Skype, Email,  
Google

**Why:**  
Develop Draft 2

# General Changes

- Same language for Domain, Cluster, Standard
- Cleaner format that is easier to read
- Interactive document
  - Links to resources
  - Pop out clarifiers
  - Concrete examples of math practices within each grade level
  - Links that will jump to a standard within document
- Teacher and student glossaries



# K – 5 Proposed Changes

- Embedding Kansas 15%
- Adding resource links within document
  - Progression Documents
  - White papers
  - Research
- Embedding tables and short videos
- Clarification of language and examples
- Moving a few standards to MS

# 6 – 8 Proposed Changes

- Embedding Kansas 15%
- Adding resource links within document
  - Progression Documents
  - White papers
  - Research
- Embedding tables and short videos
- Clarification of language and examples
- Moving a few standards up to HS and taking some from HS

# 9 – 12 Proposed Changes

- Embedding Kansas 15%
- Adding resource links within document
  - Progression Documents
  - White papers
  - Research
- Clarification of language and examples
- Moving a few standards down to MS and taking some from MS
- Addition of (9/10); (9/10/11); (11); (All); (+) Notation
- Emphasis on Modeling

# Next Steps

- Share document & proposed changes at KSDE Conference – October 2016
- Open document for public feedback
  - Online feedback form
  - Four regional “town hall” type meeting
- Develop 3<sup>rd</sup> draft – March 2017
- Present to State BOE May 2017
- Adopt June 2017

# Review Website

<http://community.ksde.org/Default.aspx?tabid=6151>

# Standards Feedback Survey

<http://bit.ly/Math-Standards-Feedback>



# Questions?



Kansas leads the world  
in the success of each student.

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