

# THE STANDARDS, CURRICULUM FRAMEWORKS AND INSTRUCTIONAL MATERIALS – PROVIDING A CONTEXT FOR IMPLEMENTATION ACTIVITIES AND EXPENDITURES

**Rocklin Unified School District  
Board of Trustees Meeting  
October 15, 2014**

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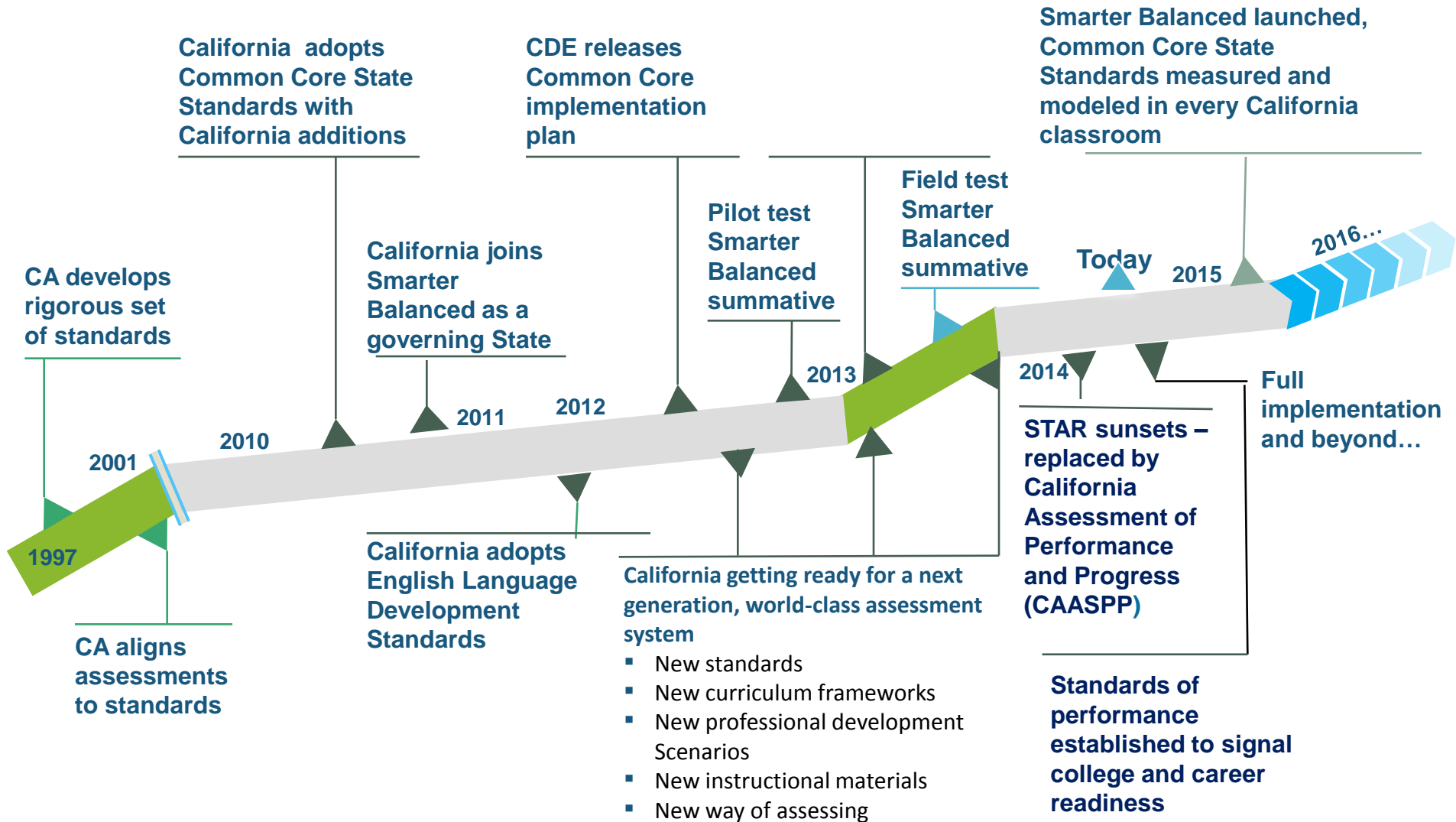
Presented by Deborah Sigman,  
Karen Huffines, and  
Marty Flowers

# Overview of Presentation

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- Standards and Assessments – Historical Perspective
- Academic content standards, curriculum frameworks and instructional materials
  - Purpose
  - Timelines
- Connections to RUSD Strategic Plan
- Bridging the gap
  - Current professional development activities
- Expenditures
  - Current
  - Projected
  - Potential Gap
- Next Programmatic Steps

# Setting the stage- the journey towards implementation of college and career-ready standards



# California Academic Content Standards

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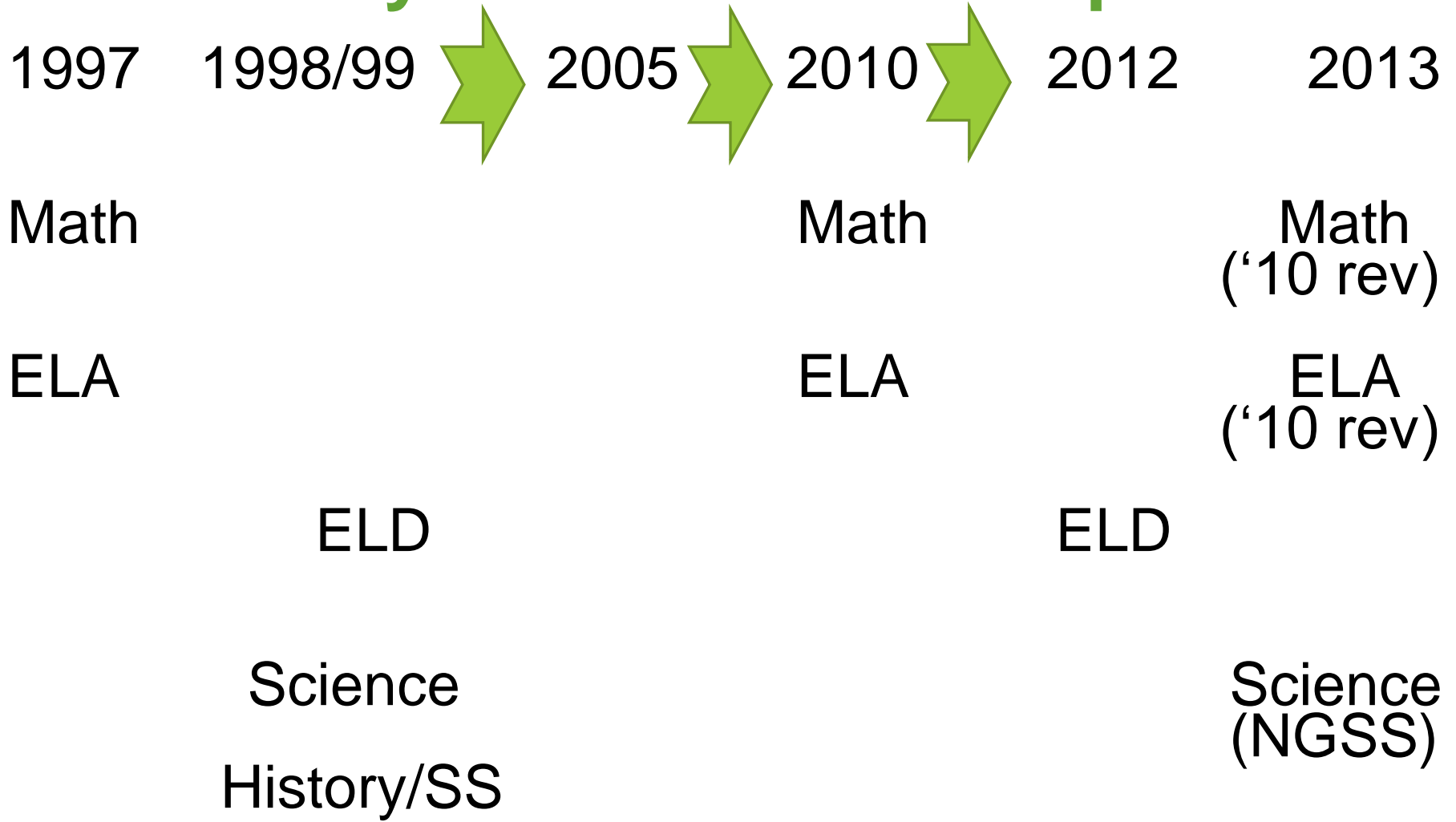
- Content standards are designed to encourage the highest achievement of every student **by defining the knowledge, concepts, and skills that students should acquire at each grade level.**

# California Academic Content Standards

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- **English language-arts (ELA)**
- **English language development (ELD)**
- **Mathematics**
- **Science**
- **History Social Science**
- **Physical Education (2005)**
- **Career Technical Education (2005 – updated 2013)**
- **Visual and Performing Arts (2001)**
- **Model School Library Standards (2010)**
- **World Languages (2009)**
- **Health Education (2008)**

# California State Board of Education History of Standards Adoption

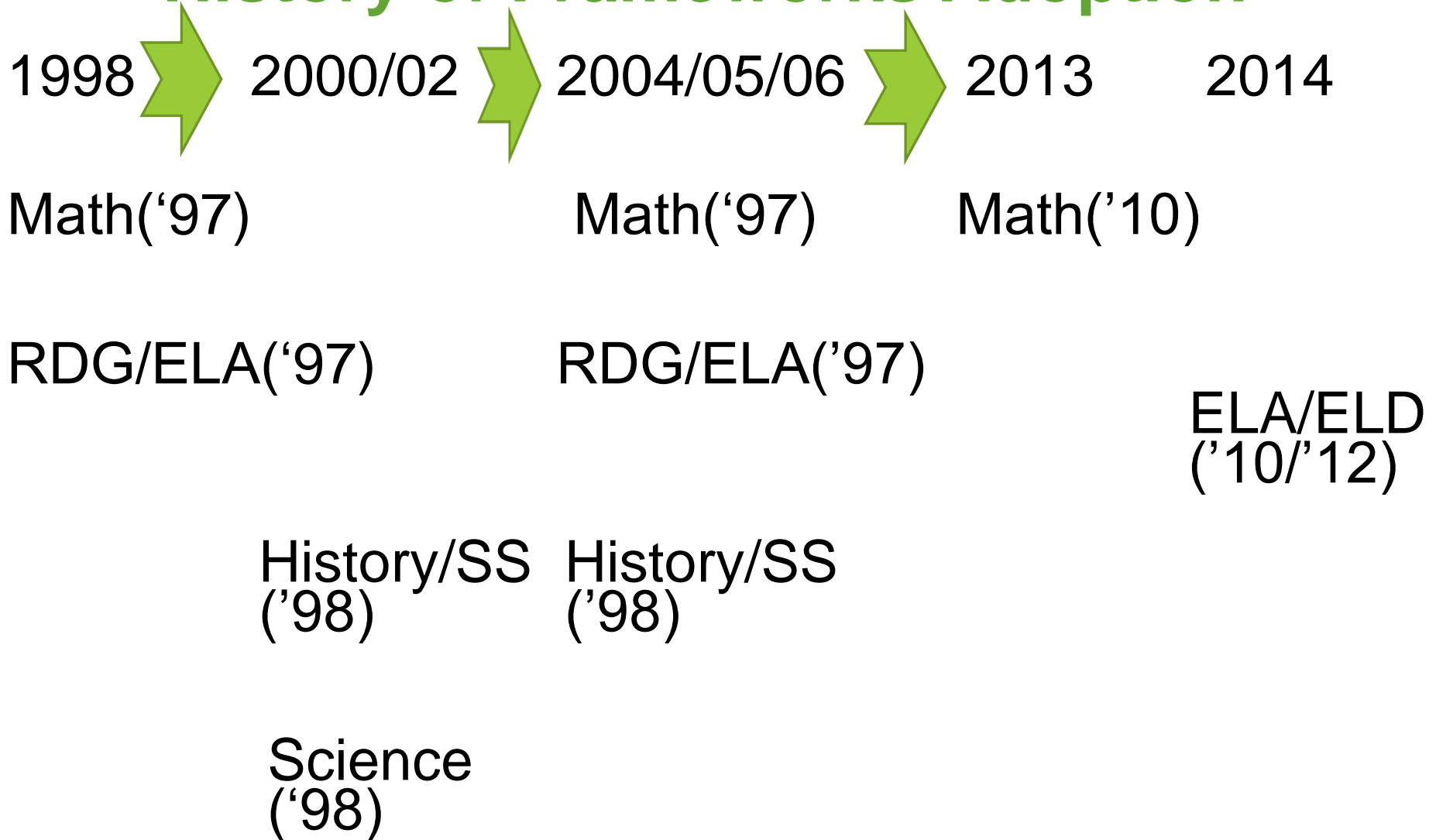


# California Curriculum Frameworks

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- Aligned to the California-adopted academic content standards
- **Provide guidance for implementing the content standards. Law calls for the development of “broad minimum standards and guidelines for educational programs.”**
- Adopted in the core curriculum areas of English language arts/English language development, mathematics, history–social science, and science in kindergarten through grade 12
- Adopted by the California State Board of Education (SBE)
- In July 2009, legislation suspended the process and procedures for adopting instructional materials, including framework revisions, until the 2013-14 school year .

# California State Board of Education History of Frameworks Adoption





# Instructional Materials

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- ‘Instructional materials’ means all materials that are designed for use by pupils and their teachers as a learning resource and help pupils to acquire facts, skills, or opinions or to develop cognitive processes.
- Instructional materials may be printed or non-printed, and may include textbooks, technology-based materials, other educational materials, and tests.
- “State-adopted” instructional materials are those instructional resources which the SBE has formally “adopted” for use in the K-8 classrooms.
- Districts may choose one of the adoptions on the SBE list or conduct a rigorous district-level process to select materials not on the list.

# Instructional Materials

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- There are no state-level adoptions for grades nine through twelve.
- Local governing boards have the authority to adopt instructional materials for use in their high schools for grades nine through twelve.
- All students in the same grade level or course within an LEA must use instructional materials from the same adoption. For example, if a high school district adopts new biology textbooks, all students in the district taking the same course must have books from the same local adoption.

# California State Board of Education K-8 Adoption of Instructional Materials

2014



2015



2017

Math (Jan)

ELA/ELD (Nov)

Science  
(anticipated)

# Current and Projected RUSD Board Adoption of Instructional Materials

2013/14      2014/15      2015/16      2016/17      2017/18

Math(7,8,9)

Math(K-5,6,10)

Math(11)

Math(12)

*ELA/ELD*  
*(pilot)*

*ELA/ELD*  
*(pilot)*

ELA/ELD

# Connections to RUSD Strategic Plan

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- **Strategy I - We will create student academic growth through dynamic, relevant and increasingly challenging learning experiences.**
  - 1.1 Implement literacy practice within and across content areas as the foundation for teaching and learning based on adopted California State Standards.
  - 1.2 Education experiences will promote learning that is engaging, dynamic, authentic and focused on application based knowledge.
  
- **Strategy III- We will continuously build individual and organizational capacity, and seek additional resources and partnerships to fulfill our mission.**
  - 3.3 Establish a comprehensive, collaborative, and continuous instructional support system for teachers to enhance personal learning and growth.
  - 3.4 Establish a comprehensive, collaborative, and continuous instructional support system for district leaders to enhance personal learning and growth.

# Bridging the Gap...

## Instructional Strategies – California Common Core Alignment

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### TK-12 Lesson Study in ELA and Math

- Grade level collaborative teams developing standards aligned lessons
- Review and examine ELA/ELD & Math Frameworks and Instructional Shifts
- Developing classroom assessments using Depth of Knowledge (DOK) to increase academic rigor
- Teaching, reflecting on, and revising new lessons based on student data collection designed to increase lesson effectiveness

# Bridging the Gap...

## Capacity Development

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- Elementary and Secondary Math & ELA Committees
  - Meeting regularly to examine instructional shifts and develop bridge materials that include rigor required to meet the demands of the new academic standards
- Extensive CPM Training for 6th-9<sup>th</sup> grade teachers
- Stanford Math on-line professional learning opportunity TK-12
  - Examine effective standards-aligned instructional strategies in math
- October TK- 6 grade level articulation
  - Grade level teams meet to share math “bridge” strategies and common formative assessments

# Bridging the Gap...

## Capacity Development (cont.)

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- GLAD Training-K-12
  - ELA/ELD standards aligned instructional strategies
  - Facilitated follow-up throughout the school year
  - RUSD developing in-house GLAD trainers
- K-5 Math Pilot 2014-15
  - Elementary Math Committee members being trained in Standards for Mathematical Practices (SMPs) & Math Evaluation Toolkit
  - Adoption timeline includes additional teacher training in new math standards, instructional shifts, rigor and DOK



# Bridging the Gap...

## Parent Outreach

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- Common Core Forums
- CPM Math Information Night
  - 6<sup>th</sup> grade teachers and TOSAs
  - Presented overview of instructional shifts required of new math standards
- Additional Math Information Nights in Spring 2015

# RUSD New Mathematics Estimated 2014-15 Expenditures

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➤ K-6 “Bridge” Materials Math	\$ 6,000
➤ CPM C2 = Math 7	\$72,000
➤ CPM C3 = Math 8	\$82,000
➤ CC4 = Integrated I	\$64,000
➤ Teachers Editions	\$10,000
➤ Algebra Tiles	\$ 1,000
➤ Graphing Calculators	\$21,000
<b>➤ Total</b>	<b>\$256,000</b>

# RUSD Estimated New Mathematics Expenditures

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2015-16

- 6<sup>th</sup> grade math adoption \$ 68,000
- TK-5 grade math adoption \$540,000

2015-16

- 10<sup>th</sup> grade math adoption \$ 75,000
- 10<sup>th</sup> grade math teacher editions \$ 4,500
- Graphing calculators \$ 21,000

➤ **2015-16 Subtotal** **\$708,500**

# RUSD Estimated New Mathematics Expenditures

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## 2016-17

- 11<sup>th</sup> grade math adoption \$ 75,000
- 11<sup>th</sup> grade teacher editions/math \$ 4,500
- 11<sup>th</sup> grade Pre-Cal/Trig \$ 42,000

## 2017-18

- 12<sup>th</sup> grade math adoption \$ 75,000
- 12<sup>th</sup> grade teacher editions/math \$ 4,500
- 12<sup>th</sup> grade Calc B/C \$ 42,000

- **2016-17 Subtotal** **\$121,500**
- **2017-18 Subtotal** **\$121,500**
- **Total Math Materials Estimate** **\$951,500**

# RUSD Estimated New English Language Arts Expenditures

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## 2016-17

➤ TK-6 grade ELA/ELD adoption	\$648,000
➤ 7 – 12 grade ELA/ELD	\$812,000
➤ 7 – 12 grade ELA/ELD Teacher Ed.	\$ 66,600
➤ <b>Total New ELA Estimates</b>	<b>\$1,526,600</b>

# RUSD New Science and Social Studies Estimated Expenditures

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2017-18 / 2018-19

➤ TK-6 Science	\$ 486,000
➤ 7 <sup>th</sup> – 12 <sup>th</sup> grade Science	\$ 522,000
▪ 2017-18 Sub-total	\$1,008,000
➤ TK-6 Social Studies	\$ 486,000
➤ 7 <sup>th</sup> – 12 <sup>th</sup> grade Social Studies	\$ 522,000
▪ 2018-19 Sub-total	\$1,008,000
➤ <b>Total New Science/SS Estimate</b>	<b>\$2,016,000</b>

# RUSD Estimated New Materials Expenditures by Years

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➤ 2014-15	\$ 256,000
➤ 2015-16	\$ 708,500
➤ 2016-17	\$1,648,100
➤ 2017-18	\$1,129,500
➤ 2018-19	\$1,008,000
<b>➤ TOTAL COST</b>	<b>\$4,750,100</b>

# RUSD 5-Year History of Ongoing Instructional Material Expenditures

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Year	2010/11	2011/12	2012/13	2013/14	2014-15 (Year-to-date)
Ongoing Exp.	\$299,456	\$346,751	\$498,470	\$572,217	\$458,580
5-Year Average Rounded	\$435,000				



# RUSD Estimated Budget vs. Instructional Material Expenditures

Expense/Year	2014/15	2015/16	2016/17	2017/18	2018/19
Beg. Bal. of Instructional Mat. Funds	\$892,036	\$1,941,576	\$1,844,182	\$807,188	\$288,794
Annual Allocation	<u>\$1,764,120*</u>	<u>\$1,046,106</u>	<u>\$1,046,106</u>	<u>\$1,046,106</u>	<u>\$1,046,106</u>
Est. Total Available	<u>\$2,656,156</u>	<u>\$2,987,682</u>	<u>\$2,890,288</u>	<u>\$1,853,294</u>	<u>\$1,334,900</u>
Est. New Adoption Costs**	\$256,000	\$708,500	\$1,648,100	\$1,129,500	\$1,008,000
Est. Ongoing-Replacement and Consumables	<u>\$458,580</u>	<u>\$435,000</u>	<u>\$435,000</u>	<u>\$435,000</u>	<u>\$435,000</u>
Est. Total Expense	<u>\$714,580</u>	<u>\$1,143,500</u>	<u>\$2,083,100</u>	<u>\$1,564,500</u>	<u>\$1,443,000</u>
Est. Ending Bal. of Instructional Mat. Funds	<u>\$1,941,576</u>	<u>\$1,844,182</u>	<u>\$807,188</u>	<u>\$288,794</u>	<u>(\$108,100)</u>

\*Includes one time mandated cost reimbursement of \$718,014

\*\* Est. New Adoption costs include only K-12 math, ELA, science and social studies. Costs for other subject areas such as health, world languages, P.E., CTE are excluded.

# Next Programmatic Steps

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- Building administrator and teacher capacity (2014-15)
  - Lesson study and unit development
  - Teachers College Reading Writing Project
  - Literacy Pedagogy
- Bring recommendation forward to Board regarding K-6 Math adoption
  - Pilot Fall 2014
  - Recommendation Spring 2015

# Next Programmatic Steps (cont.)

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- Explore Smarter Balanced Digital Library and Interim Assessments
  - Winter 2014/Spring 2015
- Examine ELA/ELD Frameworks
  - Winter 2014/Spring 2015
- Determine timeline and process for piloting of ELA materials
  - Fall 2015
- Reconvene science committee to discuss NGSS
  - Anticipate Spring and Fall 2015