SCHEDULE OF EVENTS

• Common Core State Standards Overview
  Debbie Bettencourt, Superintendent
  Dr. Janie Sorg, Asst Superintendent, Secondary Education
  Curtis Wilson, Asst Superintendent, Elementary Education

• Mathematics
  Mary Beth Haness and Christy Wilkerson

• English Language Arts
  Kelly Hillesland and Lynn Blodgett

• English Language Development — Stacy Kopshy and Marie Pawlek

• Social Studies — Kelly Baquero

• Science — Barbara Brydon

• Educational Technology — Pam Oien

• Question and Answer Time
Creating inquiry-based classrooms, in which students are challenged to explore ideas, interact with text, and develop thoughtful and logical understandings of their world is the common goal in all subject areas. The key to literacy is the idea that every teacher teaches reading, writing and critical thinking in a classroom that integrates the three through discussion, exploration and problem solving.
## CONTENT STANDARDS FOR MATHEMATICS

### ELEMENTARY

**Major Focus Areas**

Developing concepts, skills, and problem solving

- **Grades K-2:**
  Addition/subtraction

- **Grades 3-5:**
  Multiplication/Division of whole numbers and fractions

### SECONDARY

**Major Focus Areas**

- **Grades 6-7**
  - Ratio and Proportional Reasoning
  - Expressions and Equations
  - Arithmetic of rational numbers

- **Grade 8** (new grade level standards)
  - Linear Algebra

- **Grade 8 – High School**
  - Integrated Math 1, 2, and 3
STANDARDS FOR MATHEMATICAL PRACTICE

• Describe the “Habits of Mind” required for mathematically proficient students – consistent standards K-12.

• Will change the way instruction looks in the classroom.

• Requires higher levels of critical thinking – students should be discussing, explaining and collaborating with peers.
# ELA Common Core: 4 Strands

**Reading**

The same **strands** as the 1997 standards, but simplified into 10 standards under each and focused on teaching practices to promote LITERACY.

**Writing**

Rich writing experiences linked to student reading.

**Conventions**

**Listening and Speaking**

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## Reading

A wide range of text, including fiction, informational text, media, etc.

### Informational Text

- 50/50 in elementary classroom
- 45 fiction/55 in middle school
- 30 fiction/70 in high school, all subjects

- Text Complexity
- Text-Dependent Questions

## Writing

- Argumentative Writing
- Narrative Writing
- Expository/Explanatory Writing

- Inquiry-Based Approach
- Text-Dependent Questions
- Textual Evidence
- Essential Questions
**Instructional Shifts in an ELA Classroom**

**Close Reading of Text:** Students do first read and **grapple with text**. Students should re-read and **go back to a text multiple times**.

**Discussion/Speaking and Listening:** Students discuss ideas and problem solve in small groups/class.

**Writing:** Students engage in three types of writing—argumentative (opinion) explanatory (informational), narrative.

**Thematically linked units of instruction**
with a wide variety of reading, including fiction, non-fiction, speeches, video clips and media, art, letters, etc.

**Use of technology**
to enhance and support learning: blogs, internet research, video-making technology, etc.

**In the ELA classroom, we should see students reading intently,**
writing notes while reading, discussing and problem solving with one another, and **writing/composing/creating in a variety of ways, including on paper and on the computer.**
Language is Central to all Academic Areas

- Math
- Science
- History
- Social Studies
- English Language Development
- Language Arts
CA ELD Standards

Using English Purposefully:
Describing, explaining, persuading, informing, justifying, negotiating, entertaining, retelling, etc.

Meaningful Interaction:
• Collaborating with others
• Interpreting meaning
• Producing meaningful messages

Knowledge of Language:
• Structuring cohesive texts
• Expanding and enriching ideas
• Combining and condensing ideas

The Why: Purpose
The How: Processes
The What: Resources

The CA ELD Standards Amplify The CA CCSS for ELA/Literacy
History /Social Studies

- History/Social Studies (as well as Science and Technical Subjects) fall under the ELA Common Core Standards for literacy. However, Social Studies still has the California State Content Standards. The revised state standards will be released in June.

- In grades K-5 the Common Core Standards are completely integrated into the ELA K-5 Reading and Writing Standards.

- In grades 6-12 Social Studies uses the ELA anchor standards but have discipline specific strands.

Example:
ELA Anchor Standard: Cite specific textual evidence when writing
History/Social Studies: Cite specific evidence to support analysis of primary and secondary sources
Science: Cite specific textual evidence to support analysis of science and technical texts
History/Social Studies

Instructional Shifts

- Building knowledge through content-rich informational texts
- Reading and writing grounded in evidence from text
- Regular practice with complex text and its academic vocabulary

Curricular Shifts

- Extensive use of historical documents, speeches, biographies, and other works to provide students with a deep and meaningful understanding of topic
- Use of document based questions (DBQs) where students will use documents to answer an investigative question using evidence from the documents
- Students will read closely, potentially multiple times, to understand meaning
Science

• Next Generation Science Standards
  – Adopted September 2013
  – Implementation Timeline - 3-5 years, assessments in Spring 2016
  – Fully aligned with CCSS in both ELA and Math

• Common Core and Science
  – AAAS: 1989 *Benchmarks for Science Literacy*
  – Science Teacher Common Core Coach at each site
  – Science PD focused on Scientific Literacy and CC
What can you expect your student to experience in science?

- Changes in terminology
  - Claim-evidence
- Explicit (and more) instruction in reading and writing within science

Diagram based on work by Tina Cheuk ell.stanford.edu
Technology

• Technology provides access to the *tools* and *resources* to enhance and support learning.

• Furnishing the means for experiencing the curriculum in a variety of media

• Providing the opportunities for relevant experiences with communication, collaboration, creation and experimentation

• The integration into the curriculum provides the forum to allow students examine and demonstrate how to use technology in a responsible and ethical manner
Technology

• More access for FCUSD students!
  • 3000+ Chromebooks deployed Spring 2014

• New tools for staff and students!
  • Leveraging Chrome Apps
  • Google Apps for Education
  • Access to resources both at school and home
Common Core State Standards by Subject Areas

Background information:

The Common Core State Standards (CCSS) are consistent across the country, what students should know and be able to do in ELA, math, science, social studies, and the technical subject areas. CCSS is the what, but not the how. It is the responsibility of the Local Education Agency (school district, staff, and stakeholders), guided by their Local Control Accountability Plan, to implement top notch curriculum and engaging instructional practices so that students are successfully progressing and achieving in each subject area according to the standards.

Download of Meeting agenda

Links in the CCSS subject areas:

Mathematics

CCSS-Math grades K-12
Parent Guide for CCSS-M Middle School
Parent Guide for CCSS-M High School Integrated

English Language Arts

Final English Language Arts (ELA) California Common Core State Standards (CCSS)
QUESTION AND ANSWER TIME