



The New Utah Core

Math/English Language Arts/
Literacy in History/Social
Studies & Science
K-12



How Were the Standards Developed?

- The National Governors Association and the Council of Chief State School Officers led the effort to develop a shared set of educational state standards.
- Leading experts in the field of Special Education, English Language Learners, and Gifted Education were an integral part of the development.



How Were the Standards Developed?

- Feedback was gathered from national organizations representing teachers, parents, postsecondary educators, English language learners, students with disabilities, and community members.
- Nearly 10,000 public responses were submitted.

How Did Utah Participate in the Development of the Standards?

- Through an open and transparent process of drafting and revising standards over several years based on feedback from



- Utah teachers from many districts (including Alpine)
- Utah's universities and college faculty members
- State and local school board members
- Utah business partners
- PTA

Where Can I Find a Copy of the New Standards?

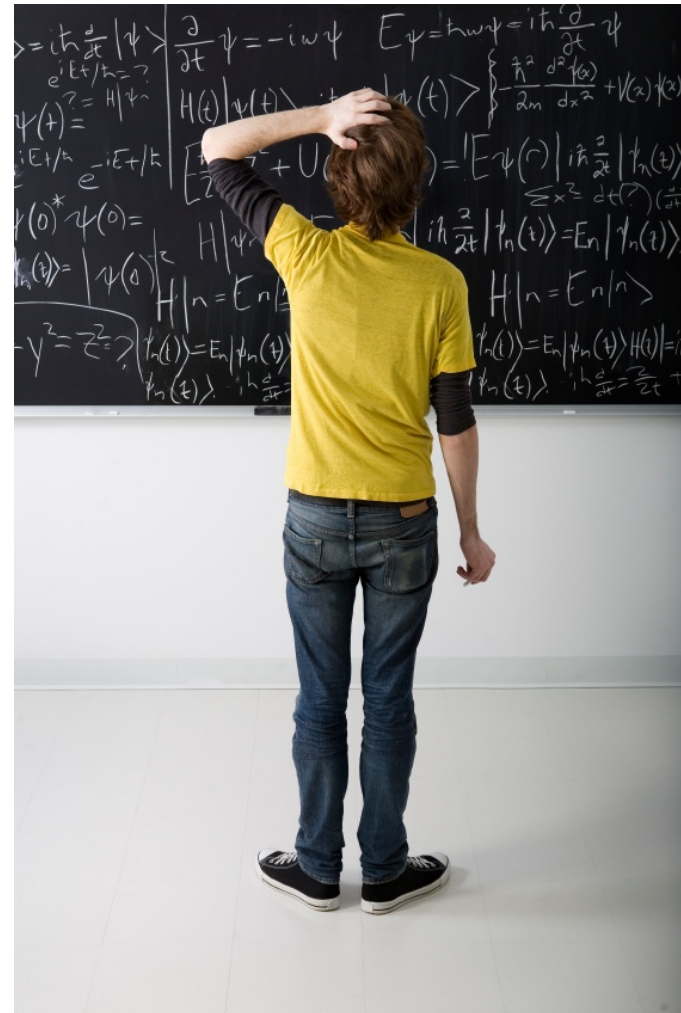
- The ELA Core Standards can be viewed at <http://bit.ly/d1SrnZ>
- The Math Core Standards can be viewed at <http://bit.ly/ldVm4q>
- A full version of the new Utah Core Standards can be viewed at <http://www.corestandards.org/the-standards>



How Will My Child Benefit from the New Standards?

College and Career Readiness

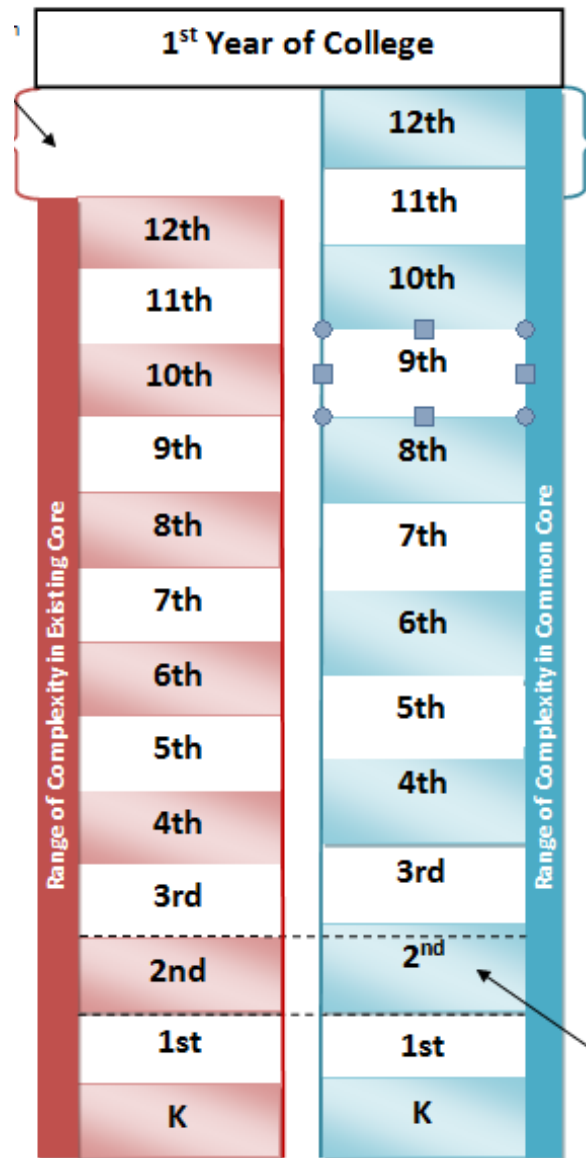
- Increased rigor for students
- Emphasis on critical thinking and problem solving
- Prepared to compete for college or career in all states



Why Is the New Utah Core Important for Our Students?

- 2018: 66% of all jobs in Utah will require postsecondary education. (Source: USOE)
- Jobs that use lower thinking skills – remembering and understanding – will be quickly outsourced or turned into software. (Lee Crockett, *Literacy is NOT Enough*)
- Jobs today require much higher literacy levels than ever before. (U.S. Bureau of Labor Statistics)





Where Do Today's Students Rank in Literacy Levels?

Research found a significant gap between the difficulty of reading expected of a high school senior and what was required as a college freshman. (Williamson, 2006)



What are the Changes in English Language Arts?

- Increase in text complexity
- Increase in teaching non-fiction texts
- Teaching the elements of argument
- Teaching three major writing genres each year
- Increase in rigor



What Are the Changes in Elementary Math?

- Elimination of some concepts in an effort to go deeper
- Emphasis on conceptual *understanding* and *procedures*
- Various strategies including the traditional algorithm
- Incorporating argument into *proving* strategies

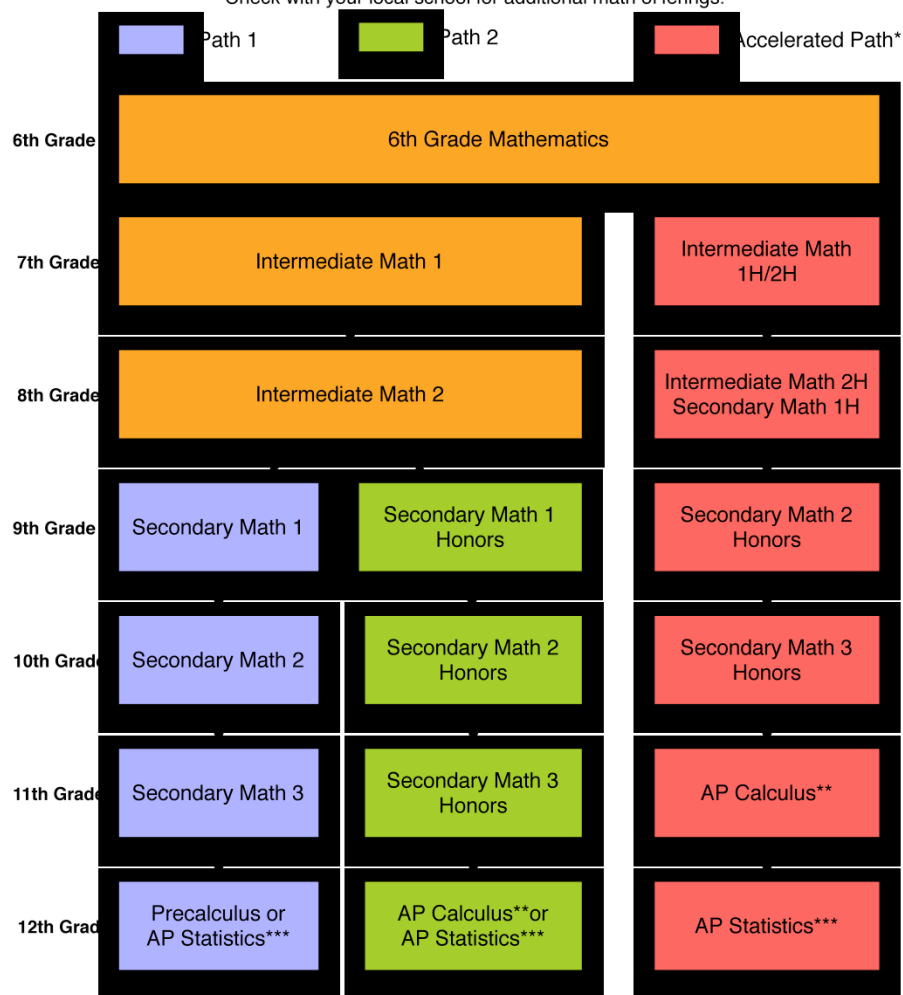
What Options Are Available for My Child after 6th Grade?

This flow chart shows the student course progression for 6-12 math once the new standards are fully implemented in 2014-2015.

Alpine School District Secondary Math Flow Chart

Effective 2013-2014

The following list shows the possible progressions of math classes from grade 6 through grade 12. Check with your local school for additional math offerings.



Notes

* Students must pass a placement exam to enter the accelerated path.

** Students who do not successfully complete the honors classes will not be prepared to take AP Calculus.

*** It is recommended that students planning on post-secondary schooling take a math class all four years of high school.

Sample Differences- 3rd Language Arts

Old Core:

Identify information from pictures, captions, diagrams, charts, graphs, tables of contents, index, and glossaries.

Locate facts from a variety of informational texts (e.g. newspapers, magazines, books, other resources).

New Core:

Use information gained from illustrations (e.g., maps, photographs) and the words in a text to *demonstrate* understanding of the text (e.g., where, when, why, and how key events occur).

Sample Differences - 6th Math

Old Core:

Write the results of a probability experiment as a fraction between zero and one, or an equivalent percent.

Compare experimental results with theoretical results (e.g., experimental: 7 out of 10 tails; whereas, theoretical 5 out of 10 tails).

Compare individual, small group, and large group results of a probability experiment in order to more accurately estimate the actual probabilities.

New Core:

Understand that a set of data collected to answer a statistical question has a distribution which can be described by its center, spread, and overall shape.

How Will Teachers Prepare?

Summer Core Academies

June 4-6 or August 1-3, 2012

- K-5 English Language Arts
- 7-12 English Language Arts
- 6th Grade Math
- Math – Secondary 1



- Three-day collaborative workshops aligning the new standards to lesson plans and curriculum maps
- Focused on research-based instructional strategies
- Teacher-led teams

Implementation

| 2012-2013 | 2013-2014 | 2014-2015 |
|---|---|---|
| K-5 English Language Arts | 6 th Grade English Language Arts | 6 th Grade- Literacy in History/Social Studies, Science & Technical Subjects |
| 7-12 English Language Arts | 7-12 Literacy in History/Social Studies & Science | 7-12 Literacy in Technical Subjects |
| 6 th Grade Math | K-5 Math | |
| Intermediate Math I/II (7 th /8 th grade) | Secondary Math II (10 th grade) | Secondary Math III (11 th grade) |
| Secondary Math I (primarily 9 th grade) | | |

Math Materials



- District committee (teachers, parents, principals, and district curriculum dept.) in place reviewing appropriate math texts & resources
 - 6th Grade, Intermediate I/II, Secondary Math I
- School-based committees will then select text(s)/resources by April 15, 2012, from the district committee's recommendations.

Assessment

- New state assessment
 - New/Adjusted Standards-Based Report Cards (K-3, 2014-2015)
- Adjusted benchmark levels for DRA testing (2013-2014)



Assessment

| 2012-2013 | 2013-2014 | 2014-2015 |
|---|---|---|
| 3-6 English Language Arts – Same CRT | 3-6 English Language Arts – Pilot Adaptive SBAC Assessment | 3-6 English Language Arts – Operational Adaptive SBAC Assessment |
| 7-12 English Lang. Arts – Same CRT | 7-12 English Lang. Arts – Pilot Adaptive SBAC Assessment | 7-12 English Lang. Arts – Operational Adaptive SBAC Assessment |
| 3-6 Math– Form A or Form B of CRT | 3-6 Math– Pilot Adaptive SBAC Assessment | 3-6 Math– Form A and Operational Adaptive SBAC Assessment |
| 7-11 Math – Form A or Form B of CRT | 7-11 Math – Pilot Adaptive SBAC Assessment | 7-11 Math – Form A and Operational Adaptive SBAC Assessment |