

Utah Core Standards

Elementary and Secondary Mathematics

“The Core Standards provide a consistent, clear understanding of what students are expected to learn, so teachers and parents know what they will need to do to help them.”

-www.corestandards.org



The Basics

Background

In the summer of 2010, the Utah State Board of Education voted to adopt the Common Core State Standards as the new Utah Core. This Core was motivated and written by a consortium of teachers and state leaders across the nation who recognized the need for consistent and rigorous standards among states. These Core Standards have currently been adopted voluntarily by 45 states.

Change

One of the major changes we will see in the teaching of elementary mathematics with the implementation of the New Utah Core is that some current core concepts will be eliminated in an effort to go deeper with other concepts. Emphasis is placed on making both understanding of concepts and procedures for solving problems important. Students who understand a concept are defined as students who are able to make sense of problem situations, can use a variety of strategies including the traditional algorithm, can incorporate argument into proving their solutions, and make connections between current concepts and those previously taught.

International Pathway

The Utah State Board of Education voted to adopt the international pathway for secondary math. This means that courses from 9th through 11th grade will no longer be separated by content. Instead of students taking Algebra 1, Geometry, Algebra 2 and so on, students will be taking Secondary Math 1, 2, and 3. The same content will be taught, but it will be organized by grade level, rather than by topic.

ASD Mathematics Implementation Schedule

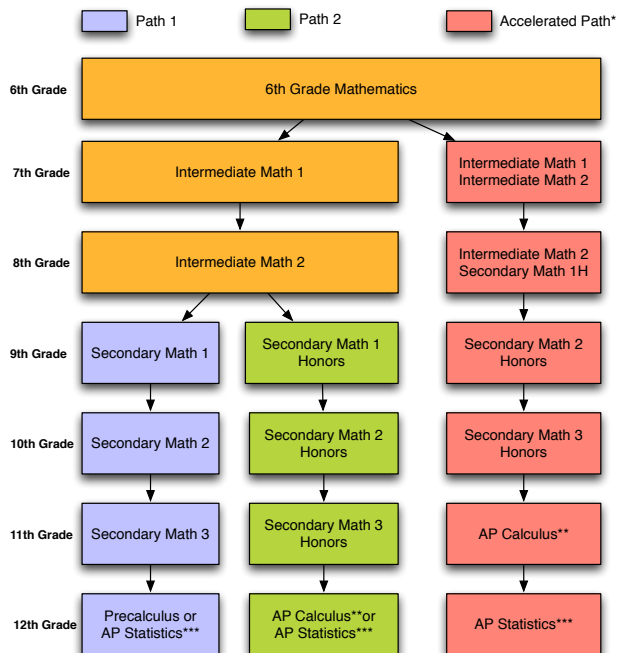
2012-	6 th Grade
2013	Intermediate Math 1 (7 th Grade)
	Intermediate Math 2 (8 th Grade)
	Secondary Math 1 (9 th Grade)
2013-	Kindergarten through 5 th
2014	Grade
	Secondary Math 2 (10 th Grade)
2014-	Secondary Math 3
2015	(11 th Grade)



Pilot assessments will be given in 2014.
Operational assessments will begin in 2015.

Secondary Math in Alpine School District after full implementation in 2014-2015

The following flow chart outlines the progression of mathematics courses a student will take from 6th grade through graduation. This chart does not include remediation plans that will take place at the school level. Check with your local school for additional math offerings such as college prep or concurrent enrollment.



What math class will my student take in 2012-2013?

2011-2012 Grade Level	2011-2012 Class	2012-2013 Recommendation	Notes
6	6th Grade	Intermediate Math 1*	
		Intermediate Math 1H/2H*	Placement testing required
7	Math 7	Intermediate Math 2*	
	Pre-Algebra	Intermediate Math 2	For 7th graders who struggled in Alg 1
	Algebra 1	Secondary Math 1 Honors	For 7th graders who succeeded in Alg 1
8	Pre-Algebra	Secondary Math 1*	
	Algebra 1	Secondary Math 1	For students who struggled in Alg 1
		Secondary Math 1 Honors	For students with A/B grades in Alg 1
Geometry	Algebra 2		
9	Algebra A	Secondary Math 1	
	Algebra 1	Geometry	
	Geometry	Algebra 2	
	Algebra 2	Precalculus	

* Bridge Documents Available



For more information:

Alpine School District Parent info Site: <http://alpineschools.org/parents-students/new-utah-core>

USOE Elementary: <http://schools.utah.gov/CURR/mathelem/Core-Curriculum.aspx>

USOE Secondary: <http://schools.utah.gov/CURR/mathsec/Common-Core.aspx>