



**Common Core Math  
Math Parent Night for  
Current 8<sup>th</sup> Graders in CC-8**

April 2, 2015

# + Common Core Math:

## Highlights of Board Approved Pathways

- pathways to Calculus AB and BC for qualified students;
- multiple “compression” options for students who are ready for more challenge;
- opportunities to take summer school classes that provide additional entry points to the compression paths; and
- support classes for learners who need additional time to master concepts.

# Course Pathway Options

Grade in 2014/15	2014/15	2015/16	2016/17	2017/18	2018/19
8	CC-8	IM-1	IM-2	IM-3	Math Analysis or Statistics

Under the Board approved pathways, students may choose a “grade level” pathway that allows them to complete (IM-3) and surpass (Math Analysis) the minimum math requirements for the UC/CSU system.

# Course Pathway Recommendations

Grade in 2014/15	2014/15	2015/16	2016/17	2017/18	2018/19
		IM-1/2 Support			
8	CC-8	IM-1	IM-2	IM-3	Math Analysis or Statistics

Under the Board approved pathways, students who require additional support in Math could enroll in IM-1 Support (Math Lab).

This support course would be taught by a math credentialed teacher. The course **does not** supplant IM-1.

# Course Pathway Options

Students can begin a compression in **9<sup>th</sup> grade** ...

Grade in 2014/15	2014/15	2015/16	2016/17	2017/18	2018/19
		IM-1/2 Support			
8	CC-8	IM-1	IM-2	IM-3	Math Analysis or Statistics
		IM-1/IM-2A (3:2)	IM-2B/IM-3 (3:2)	Math Analysis	AP Calculus AB

9<sup>th</sup> grade students choosing this compression would complete:

- IM-1, IM-2, IM-3

at the completion of 10<sup>th</sup> grade, three courses over two years (3:2).

# Course Pathway Options

Students can then continue with compression in **11<sup>th</sup> grade ...**

Grade in 2014/15	2014/15	2015/16	2016/17	2017/18	2018/19
		IM-1/2 Support			
8	CC-8	IM-1	IM-2	IM-3	Math Analysis or Statistics
		IM-1/IM-2A (3:2)	IM-2B/IM-3 (3:2)	Math Analysis	AP Calculus AB
				Math Analysis Honors	AP Calculus BC


If a student compresses in 9<sup>th</sup> grade, she could compress a second time by taking Math Analysis Honors (a compression of Math Analysis and Calculus A) in 11<sup>th</sup> grade, which would enable her to take AP Calculus BC in 12<sup>th</sup> grade.

# Course Pathway Options

Or students can wait to begin a compression **after 9<sup>th</sup> grade** by enrolling in a summer course or self-study.

Grade in 2014/15	2014/15	2015/16	2016/17	2017/18	2018/19
		IM-1/2 Support			
8	CC-8	IM-1	IM-2	IM-3	Math Analysis or Statistics
		IM-1/IM-2A (3:2)	IM-2B/IM-3 (3:2)	Math Analysis	AP Calculus AB
				Math Analysis Honors	AP Calculus BC

If a student compresses **after 9<sup>th</sup> grade** (via summer school), she could compress a second time by taking Math Analysis Honors (a compression of Math Analysis and Calculus A) in 11<sup>th</sup> grade, which would enable her to take AP Calculus BC in 12<sup>th</sup> grade.

 To take advantage of this extra option, the student can take Integrated Math 2-A (IM-2A) either as a summer course (a semester's worth of material covered over a 4-week summer program hosted by PUSD) or as a self-study program.

# + Determining Readiness for Compression in 9<sup>th</sup> Grade

Criteria	Points Earned
<b>Semester 1 Grade</b> - 95-100% - 90-94% - Below 90%	3 points 2 points 1 point
<b>3<sup>rd</sup> Quarter Grade</b> - 95-100% - 90-94% - Below 90%	3 points 2 points 1 point
<b>Semester 1 Final Exam</b> - 95-100% - 90-94% - Below 90%	3 points 2 points 1 point

Continued on the next slide ...



# + Determining Readiness for Compression in 9<sup>th</sup> Grade

Criteria	Points Earned
1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> Qtr. Homework Avg. - 95-100% - 90-94% - Below 90%	3 points 2 points 1 point
Math Reasoning (SBAC Practice Test = Performance Task) - 95-100% - 90-94% - Below 90%	3 points 2 points 1 point
Motivation & Organization; and Maturity & Self-Confidence	3 points 2 points 1 point
Ability to work independently; and Able to grasp concepts quickly	3 points 2 points 1 point
<b>Total Possible Points Needed for Recommendation</b>	<b>19/21</b>

# + Textbook Adoption



District staff are reviewing and piloting a range of instructional materials to determine:

- how well the materials align with Common Core Math Standards, and
- whether these materials are clear, effective and suitable for adoption.

Staff will recommend new materials for adoption in the Fall of 2015.

# + Questions?