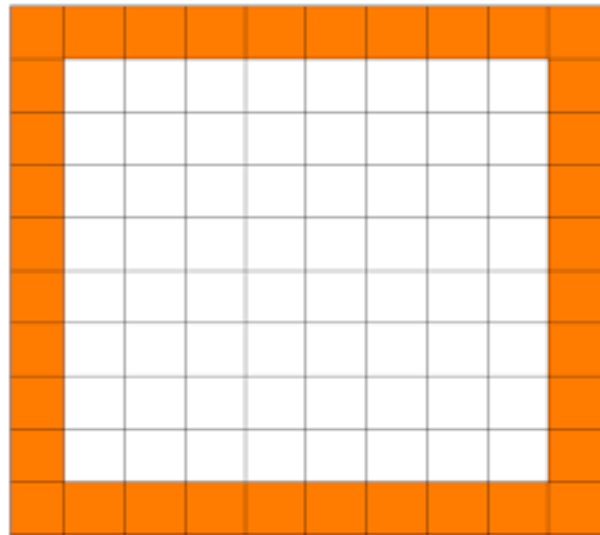


Math TASK

The Border Problem



How many colored squares are in the border of this shape?

New for Mathematics

Focus in Class

- 1/3 Procedural – What is the correct answer?
- 1/3 Application – Where is it used/does it come from?
- 1/3 Conceptual – Why does it work this way?

2 Sets of Standards



Standards of Mathematical Practice

(What do we want students to do)...

Mathematical Content Standards

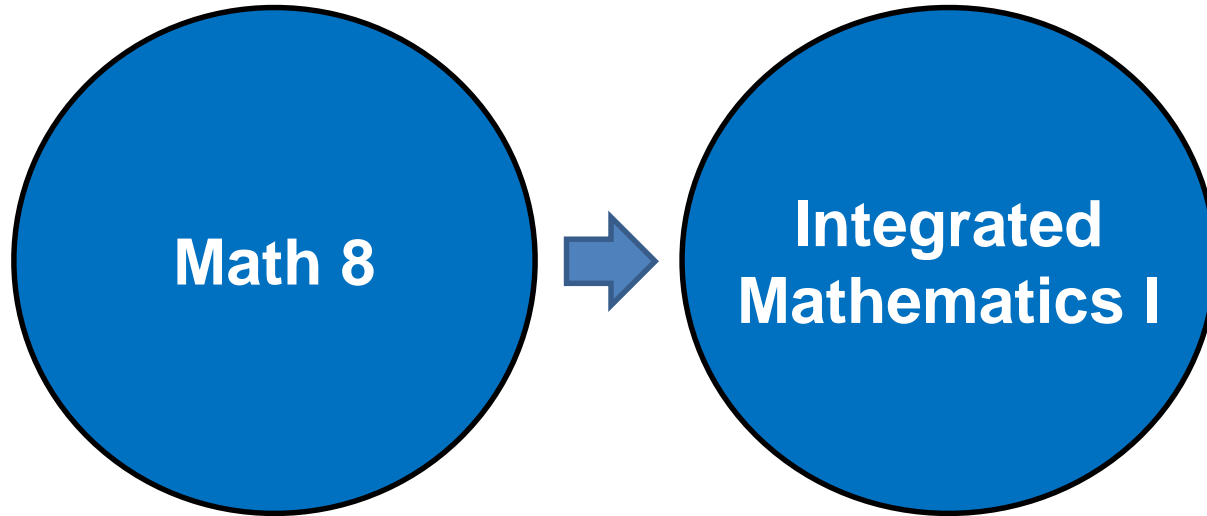
(What do we want students to know)...

Standards for Mathematical Practice

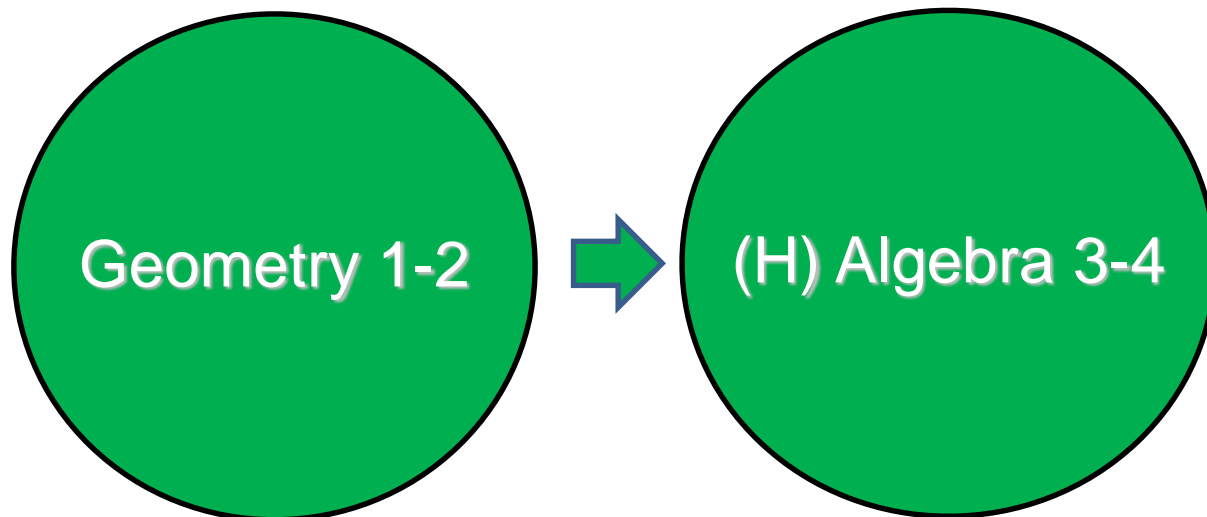
1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

PUSD – MS to HS Transition 2016-17

Path 1

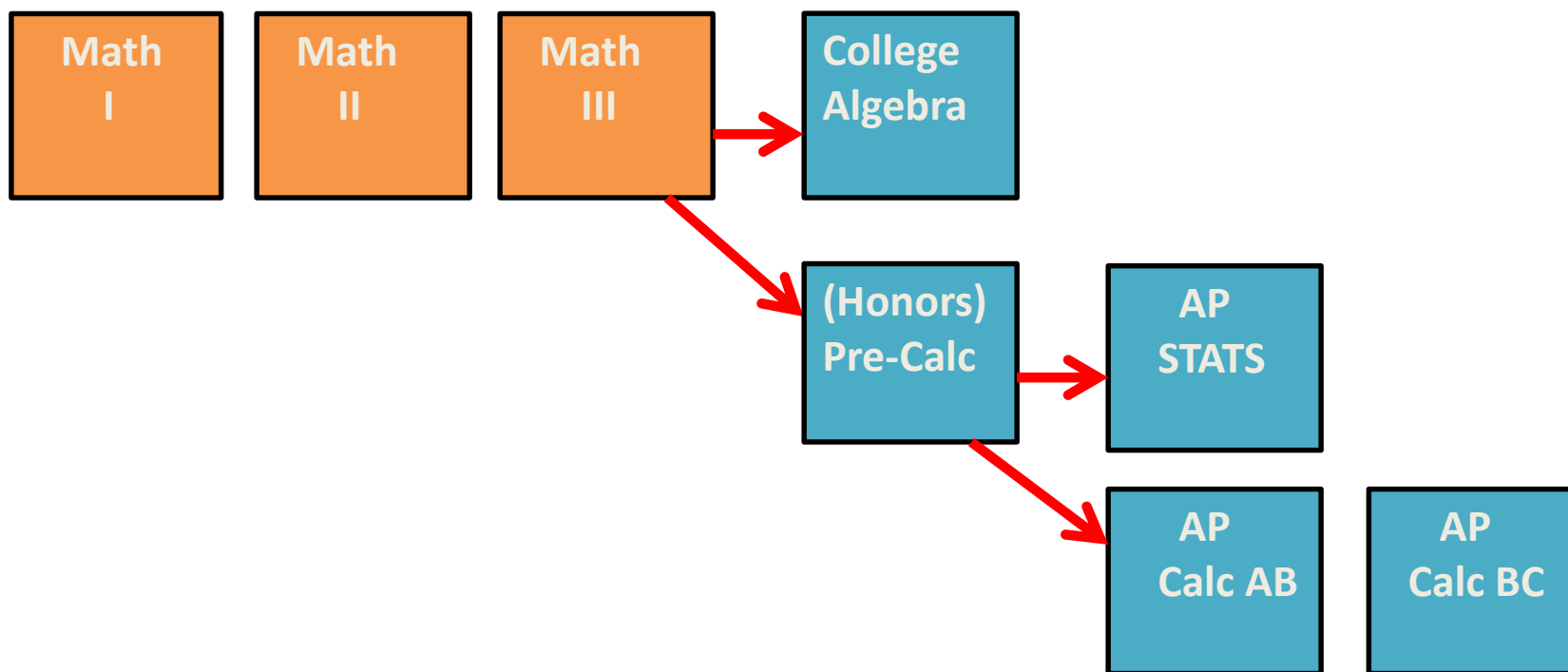


Path 2



High School Math – The Classes

California State Standards Aligned



Check with your local PUSD High School for their site Math Plan

Integrated Mathematics

The Changes

- *Geometry spread across the Grades*
(Grade 1 → Math III)
- *A substantial addition of Probability & Statistics*
(Grade 6 → Math III)
- *A much greater emphasis on Communication –*
Explaining why!
- *A much greater focus on Understanding –*
Not just the Answer!

Integrated Mathematics - Coming to PUSD

Algebra 1

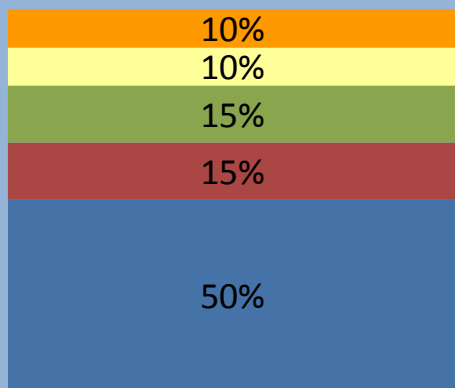
Geometry

Algebra 2

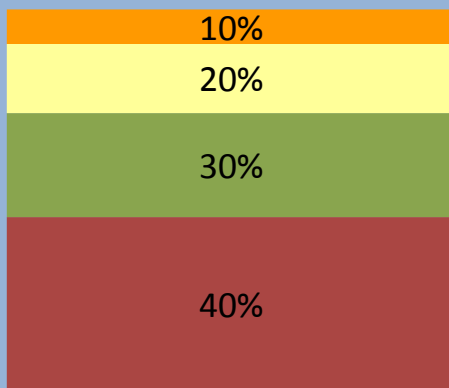
Probability
Statistics

Pre-Calculus

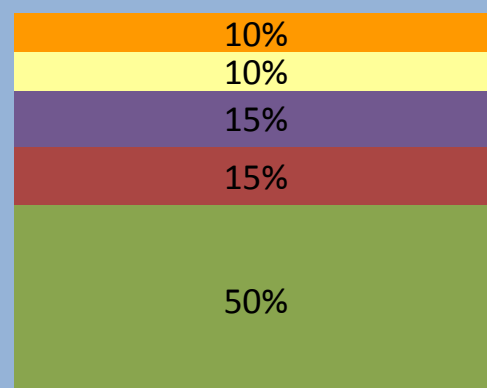
Mathematics I



Mathematics II



Mathematics III



New Content

College & Career Ready

California State Math Standards asks students to
do more...

- To be part of the learning
- To see how the math relates to them
- To understand what is really going on in the math
- To explain and justify their thinking

Whew!

Integrated Textbook is CPM

- If your student needs additional help or support, go to www.cpm.org to see the available online resources.



CC Integrated I



CC Integrated II



CC Integrated III