

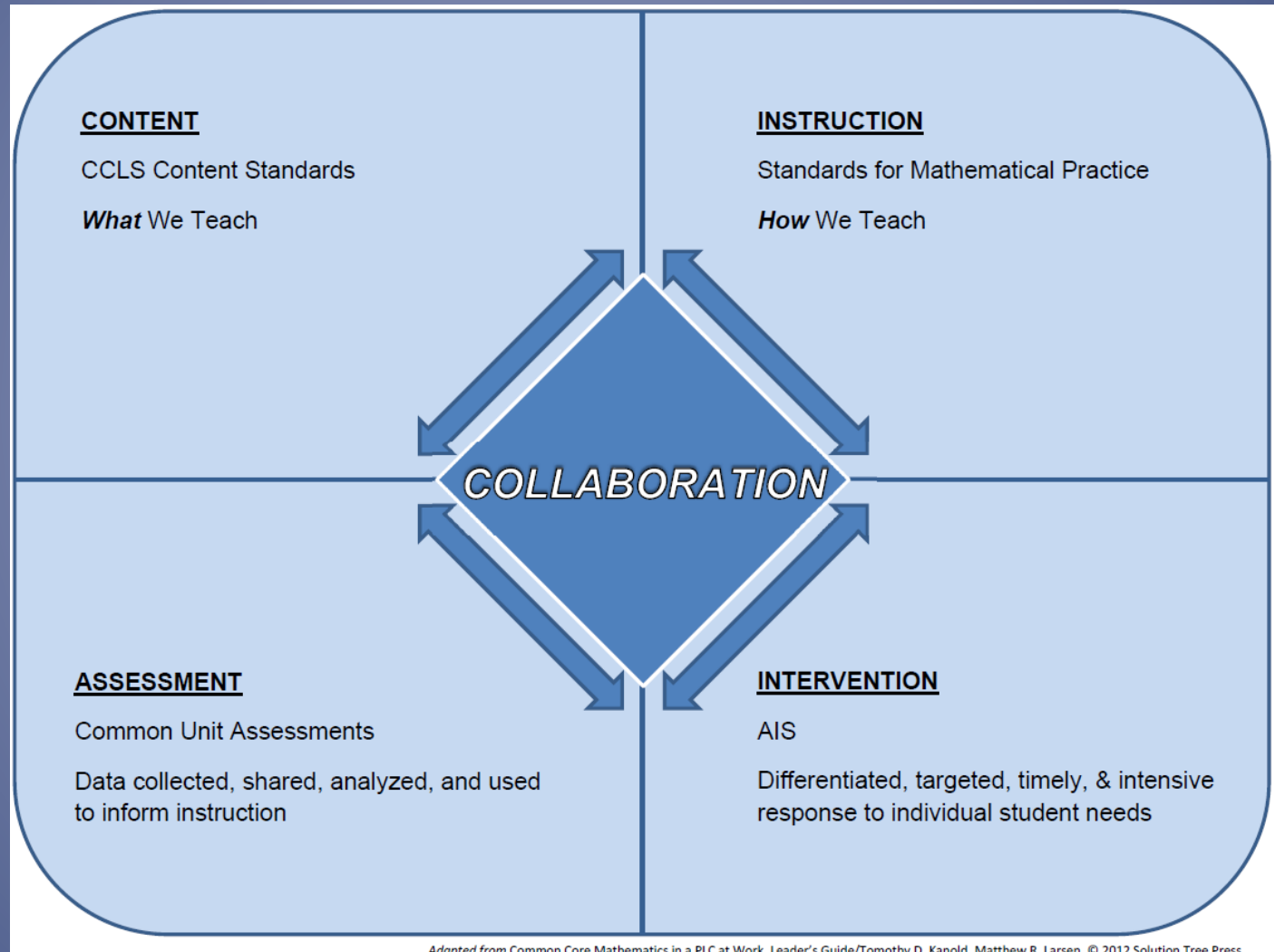


Solvay Schools Math Department Update

October 16, 2017



Collaboration Cycle





Content

- September 2017: Adoption of Next Generation Learning Standards
- Awareness Building 2017-2018 Year:
Two-day assessments measuring the current standards; professional development on Next Generation Learning Standards



Content

- **Capacity Building 2018-2019 School Year:** Two-day assessments measuring the current standards; professional development continuing on Next Generation Learning Standards
- **Capacity Building 2019-2020 School Year:** Two-day assessments measuring the current standards; professional development continuing on Next Generation Learning Standards
- **Full Implementation September 2020:** Full implementation of the Next Generation Learning Standards
- **Spring 2021:** New grade 3-8 tests measuring Next Generation Learning Standards.



Content

- Supporting Teachers: *Begin dissemination of resources from NYS as they become available including:*
 - Crosswalk documents
 - Snapshot Documents
 - Unpacking materials
 - How-to Guides



Instruction

- *Dr. Charlotte Sharpe will be working with teams of teachers on instructional practices and number talks.*



Instruction

- *TI NSpires*



NYS Assessments

		2014 - 2015	2015 - 2016	2016 - 2017
3	# Tested	79	80	100
	% Proficient	31%	36%	37%
4	# Tested	56	78	77
	% Proficient	30%	32%	28%
5	# Tested	55	47	65
	% Proficient	34%	23%	23%
6	# Tested	67	65	43
	% Proficient	19%	21%	14%
7	# Tested	71	63	66
	% Proficient	25%	19%	34%
8	# Tested	61	73	65
	% Proficient	23%	32%	32%



High School Regents

	2015	2016	2017
Algebra I	65%	84%	79%
Geometry	84%	61%	61%
Algebra 2/Trig	62% 88% 74%		
Algebra II			



NYS Math Assessments
Proficiency Rates
Solvay School District

	2013	2014	2015	2016	2017
Math 3	33%	29%	31%	36%	37%
Math 4	27%	33%	30%	32%	28%
Math 5	30%	25%	34%	23%	23%
Math 6	10%	21%	19%	21%	14%
Math 7	29%	17%	25%	19%	34%
Math 8	24%	26%	23%	32% **	32% **
Algebra I	67%	64%	65% *	84% *	79% *
		40% *			
Geometry	64%	72%	84%	61% *	61% *
			61% *		
Algebra II	39%	57%	62%	88% *	74% *

* *Common Core Regents Exams*

** *includes 8th grade Advanced Algebra*



Assessment

- Summer Curriculum Work –
Elementary Unit tests were updated and modified for easier data collection and improved student friendliness.



Intervention

- *Bearcat Time* – 4th and 5th grade teams rotated groups on for short-term focused intervention



Intervention

- HS Lock Ins – Regents review on the evening before the exams



Intervention

- *HS Math Lab* – *ALS math lab is open throughout the day for students to drop in for homework help and extra review*

