**![C:\Users\lcarter\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\0LPEJVHJ\MC900297565[1].wmf]()****7-12 Math Committee Minutes**

**May 31, 2013**

Math Task

* Thank you Corey Dobbins!
* Colleen will post a copy of the math task on the website

Reviewed Purpose of Committee

* Develop a common understanding of Common Core shifts, mathematical practices and standards as a committee
* Determine current state of students’ math skills and current practices in math classrooms across BOCES
* Develop a plan for professional development
	+ Common understanding of Common Core, mathematical practice and standards
	+ Curriculum alignment
	+ Sharing
* Research and recommend resources / textbooks should be purchased to support instruction aligned to Common Core
* Research math intervention programs and determine if intervention programs should be purchased

Process for Selecting Resources and Materials

* Brief overview of the process for choosing curriculum materials
* Reviewed graphic organizers that will be used to help select materials

Presentations

* Study Island
* Pearson
	+ OnRamp
	+ Math Navigator
* Math 180

Feedback on Presentations

* Will plan to pilot Math 180 in some locations for next year; planning committee will review Study Island and Pearson.
* Please feel free to go online, check out the Pearson programs, and email Colleen feedback

|  |  |  |
| --- | --- | --- |
| **Study Island**Supplemental – requires teacher instruction ahead of time | **Pearson**More of a curriculum than an intervention | **Math 180**Supplemental |
| AdvantagesBuilt in remediationMoving from multiple choice to extended responseRead question aloudSAT / ACT PrepRegents prepImmediate feedbackRemediatesEasily transferrableCan be used independently  | DisadvantagesNo manipulativeMovement within programConfusing to look atNot as research based as othersWordy – textbook put onlineSome people had experience with it – frustrationNot prescribedNo glossaryNot technology basedNo manipulatives Lack of use of mathematical practicesPossible student frustration | AdvantagesMotivating with peer teachingFull curriculum (year before algebra) Built in addressing misconceptionsPrint & videoPH for each unitResearch basedNavigator – remediationThinking / Writing / Talking about MathAlgebra – down approachLots of assessmentsWould need Navigator too | DisadvantagesNot as much real world application evidentNo manipulativeNot Common Core aligned | AdvantagesTest outFast trackStarts very concrete then goes more abstractMore engagingReal worldEasy model to useLots of reportingNew – started with Common Core in mindForces students to show process, works backwardsMore visualConnects with new State assessments | DisadvantagesScheduling – minimum 45 minutes of timeRead 180 and Math 180 – will it be too much for kids?Every day?Technology issues |

Planning for Summer Work

* Mathematical Shifts Workshop: July 19th ~ full day session
	+ Everyone K-12 who teaches math will be invited
	+ Invitation to follow ~ please join us!
* Curriculum work will be done as well. Dates to be emailed.