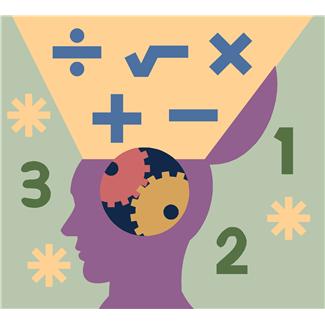
**C:\Users\lcarter\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\0LPEJVHJ\MC900297565[1].wmf****7-12 Math Committee Minutes**

**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 | |
| Advantages  Built in remediation  Moving from multiple choice to extended response  Read question aloud  SAT / ACT Prep  Regents prep  Immediate feedback  Remediates  Easily transferrable  Can be used independently | Disadvantages  No manipulative  Movement within program  Confusing to look at  Not as research based as others  Wordy – textbook put online  Some people had experience with it – frustration  Not prescribed  No glossary  Not technology based  No manipulatives  Lack of use of mathematical practices  Possible student frustration | Advantages  Motivating with peer teaching  Full curriculum (year before algebra)  Built in addressing misconceptions  Print & video  PH for each unit  Research based  Navigator – remediation  Thinking / Writing / Talking about Math  Algebra – down approach  Lots of assessments  Would need Navigator too | Disadvantages  Not as much real world application evident  No manipulative  Not Common Core aligned | Advantages  Test out  Fast track  Starts very concrete then goes more abstract  More engaging  Real world  Easy model to use  Lots of reporting  New – started with Common Core in mind  Forces students to show process, works backwards  More visual  Connects with new State assessments | Disadvantages  Scheduling – minimum 45 minutes of time  Read 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.