



**Pullman School District
Instructional Materials Adoption Committee (IMAC) Process, 9-12 Math
Minutes - December 21, 2022**

9-12 Math IMAC Members:

Joni Stevens – TOSA - facilitator
Sherree Komp – PHS Math Teacher
Scott Thompson – PHS Special Education Teacher
Juston Pollestad – PHS Principal
Johanna Erickson – LMS Math Teacher
Samantha Schertenleib – PHS Assistant Principal
Kyle Cance – PHS Math Teacher(excused - home with child)
Jake Unzicker – PHS Math Teacher (appointment @ 3:20 - excused from meeting)
Roberta Kramer - Assistant Superintendent(out of office - excused)
Tauna Johnson – District Office Instructional Programs Assistant

Joni Stevens facilitator

Committee Members present: Joni Stevens, Sheree Komp, Scott Thompson, Juston Pollestad, Johanna Erickson, Tauna Johnson

Updates and Feedback on IMAC Process

Discussed and reviewed how to find and use the documents in Google Classroom to aid in reviewing the different math programs.

Documents include:

- Common Core State Standards Appendix A - Explains different math Pathways and which math standards are aligned to different courses. Documents from Appendix A that pertain to the IMAC committee have a separate link to ease site navigation.
- CCSS Math
- Overview Pathways

There was discussion of math models from 3 different districts with a consensus that whatever program is chosen, Algebra Supports for struggling students needs to be included. Some schools also included Supports in Geometry and Algebra II.

A teacher mentioned that he could co-teach Algebra I Supports Class. Algebra Supports goes before Algebra I and there will be a need to have more than one section because of the scheduling.

- There would be a need to look at the schedule to accommodate the Supports classes.
- It was also mentioned that ALL teachers teaching Algebra should be at the same pace.

Review Materials

The Committee reviewed how to use EdReports to aid in reviewing different programs. Look at programs closely and analyze EdReports scoring system (Meets Standards).

1. Choose Program
2. Choose Gateway (Focus & Coherence - Big Idea, Rigor & Mathematical Practices, Usability)
3. Emphasize the Review Scores and Indicators/Summaries
4. Look at Publisher Response

Things to consider when reviewing math programs:

- Does the format go with what we are looking for?
- Digital piece
- Organizational system
- Identify strengths and weaknesses of the different programs, then compare programs.

Select top 3 Programs to move forward for further evaluation. Communicate back to the math team:

1. Appendix A information
2. Algebra Supports

Comments and Thoughts to Consider:

- Digital access used to be a motivator for students. However, after Covid, that has changed. All digital formats do not work.
- Special education students are not auditory learners, so independently watching a video does not work for them.
- HS students need experience working with real-life/hands-on scenarios/materials because it relates more to experiences they will have after HS.
- What are some ways to engage HS students, so they apply the knowledge rather than complete a task just to get it done?

- HS teachers are comfortable with what they have been doing, so there is some reluctance in switching to a new program.
- Using a discovery model is a change in mindset.
- Discovery learning is important.
- A curriculum should not be chosen just to make it easier for absent students. It should be chosen based on the program's strengths.
- **Absences**
 - Having students do investigations on their own does not give them the same learning as doing it in the classroom with the rich discussions and having a teacher present.
 - Ask other teachers how absent students make up absent work when using discovery learning.
- Online material - Students navigating all online material causes frustration. Spending time navigating a website takes time away from the math learning.
- ** Pacing is very important. Teachers need to use the same pacing.

There were surveys of different schools about which math program they use.

- Elementary - Bridges
- MS - Illustrative
- HS - no set programs

Illustrative Discussion:

- Illustrative Math - There are 3 different Illustrative Programs.

LMS is using McGraw-Hill Illustrative Mathematics

- They've had some training but could use more.
- Some (not all) of the printed materials are different from the digital forms.
- Are student materials editable online?
- More training will be planned.
- Could Algebra I Supports be an extension for 8th grade? It could be new context which could offer deeper understanding.
- It is difficult for absent students to make up.
- Mr. Morgan on youtube has videos for MS Illustrative and has started HS Illustrative which is a good resource for teachers who are using this program.
- Johanna said the Illustrative Algebra lessons are very strong.

Action Items:

1. Teachers:

- Add comments about the different programs on the Google Classroom form.

- Look at Illustrative Mathematics - Physical copies of teacher guide and student book to review
- By January 11, pick top 2-3 math programs for moving forward to a more in-depth review and possible field testing.

** PHS IMAC Google Classroom has resources and links from top-rated programs for review.

2. Will look at ordering Illustrative Mathematics Algebra I Supports
3. Next steps will be emailed.

Next Meeting:

January 18, 2023 @ 3:15