



**Pullman School District  
Instructional Materials Adoption Committee (IMAC) Process, 9-12 Math  
Minutes - March 1, 2023**

**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**

**Jake Unzicker – PHS Math Teacher**

**Roberta Kramer - Assistant Superintendent**

**Tauna Johnson – District Office Instructional Programs Assistant**

**Joni Stevens facilitator**

**Committee Members present:** Joni Stevens, Johanna Erickson, Kyle Cance, Roberta Kramer, Tauna Johnson, Jake Unzicker, Sherree Komp

**Agenda:**

The Zoom meeting began with reviewing the Field Test schedule of what has been completed and what needs to be done in order to gather information about two programs that were chosen for Field Testing.

**Current Schedule:**

Field Test *Illustrative Math*: Jan. 30 - Feb. 27 (4-5 weeks)

Field Test *Open Up*: Mar. 6 - Mar. 31 (4-5 weeks)

Finish date - end of March

CAC Meeting is Monday, April 17, 2023

Present the Process and Recommendation to School Board: April 26, 2023

Order materials: May, 2023

One teacher voiced needing more time to implement the *Illustrative Math* (IM) Field Testing. She hasn't been through the Algebra unit yet and wants to do some Geometry as well. Therefore, she does not feel comfortable completing the Google Form Evaluation Survey at this time.

After committee members discussed what has been accomplished and the need to do more Field Testing, they realized they are not working within the current pacing schedule. If they stay with the current scheduled dates, they will not be able to fully Field Test both programs and not have enough information to make a recommendation.

**Google Form Survey:**

One teacher completed Field Testing *IM* Geometry and completed the Google Form Evaluation Survey with her ratings of the program.

**Goal:** Finish Google Form Evaluation Survey by the end of this week and get input as to what comes next.

Teachers discussed where they are in the process of Field Testing *IM*.

- One teacher started Geometry last Monday and has taught 2 lessons in Algebra II. He said Algebra II is going well, but feels he has not gone deep enough to complete the survey yet. He can fill out the Google Form Evaluation Survey for Geometry by the end of this week (Mar. 3). He would like 2 weeks to Field Test *IM* Algebra II.
- Another teacher will finish Field Testing Algebra I and will complete the Google Form Evaluation Survey next week (Mar. 10).
- One teacher finished Field Testing Geometry and has completed the Google Form Evaluation Survey.

It was concluded after this discussion that more data is needed on *Illustrative Math*, especially in Algebra II.

The committee discussed their experiences in Field Testing *Illustrative Math*.

***IM* General Comments:**

- *IM* seems to adjust to different teaching styles well.
- Lessons start easy where anyone can answer questions.
- Lessons seem user-friendly and engaging (EX: research bad wheelchair ramps)
- Some parts of lessons take much longer than what is recommended.
- Algebra I and Algebra II feel different than Geometry. It is important to Field Test both to get a clear understanding of them.

**Geometry:**

- It seems easy to use.
- The discovery-based materials are good.
- The first lesson is not “teaching.” It is more of a discovery of what will be coming along.
- The “Pacing Guide” seems off. On block days, the classes are 1 hr. 20 minutes, but lessons are developed for a 45 minute class.
- Unit 5 is a great Unit in Geometry.

**Algebra I:**

- System of Equations Unit (second half of Unit 2) - likes it
- Pacing - It seems reasonable at times, but it seems to take longer than what is recommended.
- Struggling with the format of presenting things and has used Kendel Hunt for presentation/resource ideas.
- Students seem engaged. Some are more engaged with *IM* than they have been in the past.
- Tried to do Algebra Supports at the same time, but stopped it because not all students needed it and became bored. Likes the idea of Algebra Supports.
- A teacher does not like that Unit 2 is so big, and she only field tested a part of it.
- A teacher loves using Desmos, but it seems like it is not aligned to *IM* and wishes there were more *IM* lessons directly aligned with Desmos.
- Likes how the practice problems spiral back to previous topics that were taught earlier.
- *IM* has a reasonable # of problems for practice.
- A teacher likes how the lessons are tied to real-world concepts (systems unit).
- Supplementing is needed in the Systems Unit.

**Assessments:**

- It is hard to do *IM* assessments while Field Testing Geometry because teachers are all using Common Formative Assessments.
- A teacher will try the *IM* assessments while Field Testing Algebra II.
- Assessments are aligned to the standards.
- There are many levels within each standard and *IM* assesses parts of the standards.
- A teacher does not like that the *IM* Unit Assessment for Unit 2 is so big. She Field Tested only parts of Unit 2.
- One teacher does not use the whole *IM* Unit Assessments. Instead, she uses some of the problems, but not the whole assessment.

- Another teacher uses parts of the *IM* Unit Assessment, but adapts them to what he needs to assess.

### **Updated the Field Test Process:**

- Finish *IM* Field testing and evaluations in the next 2 weeks. Finish by March 15.
- Google Form Evaluation Survey is at the top of the Google Classroom feed and is set up so a teacher can do multiple forms for different math classes.

### **Illustrative Math Recommendation as of March 3, 2023:**

- Two teachers recommended it.
- One teacher recommended Algebra I.
- One did not like the Algebra Supports when he used it with his Pre-Algebra class.

### ***Open Up High School Mathematics* (Math Vision Project - MVP):**

The original goal was to go online during the meeting and decide what can be Field Tested.

- *Open Up* has a unique format.
- Training and support with this program is hard to receive. We need to find supports for ourselves.
- *Open Up* is problem-based and task-based.
- Every lesson uses the 5 math practices.
- One teacher has experience using *Open Up* and is not interested in Field Testing it.
- *Open Up* has complete units on “plus” standards which are not required and fit better at higher level math classes. It seems like a waste to have a complete unit on Plus Standards.

### **How to Field Test:**

- Teach the lessons and see if the lesson promotes the beliefs we think are best.
- They are currently doing the lesson and practice problems.
- There is a lot of material and teachers need to choose what parts to use.

After listening to the discussion, a PSD Administrator shared ideas about the process. Adopting a math program should not be rushed. We can slow it down and do a 2-week shift in the timeline. Back the CAC and School Board adoption dates by 2 weeks to give teachers more time to fully Field Test the programs. It is ok to say that they are not comfortable adopting right now. We want to make sure we recommend something that will work for us. It is important to recommend a program that will be the best for our students and teachers. It is ok to not look at *Open Up* if you don't want to. It is fine if we only fully Field Test *Illustrative Math*.

**Timeline:**

The group agreed to take two more weeks to Field Test *Illustrative Math* and complete the Google Form Evaluation Survey. Teachers will have Field Testing and Survey completed by March 15.

**Adoption Plan:**

**Adopt:** Alg. I, Geometry & Alg. II (traditional form that we are used to)

Materials decision will depend on how many students are in each class.

If/When the state develops different classes, we will make the decision at that time which might be year 3.

Teachers do NOT have to do *Open Up* (Math Vision Project) Field Testing.

\*\*It is ok to decide that we are not ready at this time to adopt and want to look at other programs.

**Next Meeting:**

March 15 @ 3:15