**Gallia-Vinton ESC to host Ohio Department of Education Math Team February 16, 2018**

**for Regional Math Standards Professional Development**

**PLAN TO ATTEND**

**Location:  Wood Hall on the campus of University of Rio Grande (across from Lyne Center)**

**Date: February 16, 2018**

**Time:** **8:00 am- 3:00 pm**

**Who should attend?**Math Teachers of grades 6-12, administrators, curriculum supervisors, coaches, and representatives from other Educational Service Centers

The Gallia-Vinton ESC is partnering with the Ohio Department of Education in training around Ohio’s revised Math Learning Standards. Trainings have already been held at the North Point ESC, Muskingum Valley ESC, and Putnam County ESC and will be at Gallia-Vinton ESC February 16, 2018.

**The presentation POSSIBILITIES include the following: (The number of sessions offered will depend upon the number of participants) PROMPT REGISTRATION IS APPRECIATED. Registrants will receive a survey mid-January to provide input for sessions preferred.**

1)     **Using Desmos Activity Builder to Enhance Instruction**

       Desmos:

·         was purchased by AIR to be used as the online calculator for the Ohio State Tests.

·         has many activities to enhance instruction using technology and to connect mathematical

       concepts to concrete, real-world ideas, calculations, and problem solving.

 2)     **Statistics GAISE Model/Interactive activities for classroom teachers**

 Teachers from Jackson, Gallia, and Vinton counties collaborated with Jerry Moreno for a day each of

        training in High School and Middle School GAISE Model Framework learning.  Teachers left with a better

        understanding of the concepts built in to the Ohio’s Learning Standards and expectations of student

        learning.

·         Focus of this session is to review and extend learning from the previous GAISE training and allow

       teachers an opportunity to network with other teachers and gain ideas for instructional strategies

       and activities that can be implemented into their lesson plans upon returning to their classroom.

(Depending upon the number of registrants and interest, there may be a session for probability only and

statistics only)

3)     **Using the 2017 Transition Documents to Plan Instruction**

·         This session discusses how to use Ohio’s resources: the critical areas of focus, the learning

 progressions, the gap analysis, and the model curriculum to analyze standards.

·          Participants will be in groups by grade/course where they select a standard(s) to discuss and

 analyze with their peers using Ohio’s documents.

4)    **Depth of Knowledge**

 Participants will analyze and explore the different DOK levels culminating in writing their own questions

 across multiple DOK levels.

5)     **Using Released Items to Guide Instruction**

              Participants will:

o    look at item level reports for 2017 tests (need to bring with you) and the released items.

o    discuss instructional strategies that will enhance instruction.

o    show how the concept connects to other standards.

o    how to design instruction to deepen student understanding.

6)     **High School Flexible Scheduling Question and Answer Session with Brian Bickley**

* (if his schedule allows)
* This session is intended for administrators, curriculum supervisors/directors, high school

               teachers team leaders, ESC representatives, guidance counselors