Math News
March 2024

PDESAS will begin requiring multi-factor authentication on March 13, 2024. Please <u>update your email address opens in new window</u> in your <u>SAS Profile opens in new window</u> before March 13, 2024 to ensure access to your account. For assistance, contact the Help Desk as helpdesk@pdesas.org or 1-877-973-3727.

Pennsylvania Council of Teachers of Mathematics

Do you know an outstanding math educator or math education supporter? Do you know a student who plans to pursue further work in mathematics or a mathematics-related field? Do you know an excellent high school senior who plans to go into a math-related field?

Nominate them for the annual PCTM awards!

Nominations will close on March 30th. Information about each of the awards and a link to a nomination form can be found at <u>PCTM Awards</u>. Nominations will require a link (or upload) to a letter of recommendation describing the candidate's qualifications for the award. All nominators will be contacted about the status of the award on or around April 30th. Educator awards will be presented at the PCTM Annual conference and educator award winners receive a free conference registration.

The <u>2024 PCTM conference</u> will be held July 24-26 at the Desmond in Malvern, One Liberty Blvd, Malvern, PA 19355.

On May 7th, *DiscoverED* kicks off the *Remake Learning Days* festival across Pennsylvania.

ALL first- and second-grade classrooms across the state are invited to take part in this statewide initiative. Classrooms participate in a STEAM design challenge of building a catapult and all participating students earn a digital badge for their career readiness portfolio as part of the Career Ready PA Backpack Challenge. Here's the highlights:

1) Receive *ALL materials and supplies FREE* of charge for students to plan, create, and iterate a catapult design.

2) Virtually connect with another PA school to experience how STEAM and maker pedagogies are thriving in classrooms different from your own.

The interest form is now available
If your classroom would like to participate in DiscoverEd, complete the interest form by March 17, 2024.
Need to see more before you commit?
- DiscoverEd Flyer
- Who? What? When? Where? Why? Flyer
- Video of past DiscoverED events.

New Information for the Classroom Diagnostics Tool (CDT)

DRC has released a new district-level Learning Progression Summary that is now available in the DRC INSIGHT Portal under **CDT Interactive Reports> View Reports. The purpose of the report is to provide districts with a means to evaluate overall student performance on specific Eligible Content at a district level.** The files will be updated and published weekly on Sunday nights. **This is a summary report and does not report individual student data.**

Note: Your district's file will be zipped. Once the file has been downloaded, please save it to your desktop and unzip the files. The file may take a few minutes to unzip due to the size and it will open as a txt file. Because of size limitations with Excel, large districts will need to work with their tech departments to transfer the data to a specific application that is able to house a large file.

To Access the District LP Summary -
1.   Click on CDT Interactive Reports
2.   Click on View Reports (new tab)
3.   Select District Level Reports
4.   Click on the "Select a Site…" box in the upper right-hand corner (new functionality)
   - Your district will auto-populate in the drop down menu
   - Select "All Schools"
   - Select "2023-2024 Classroom Diagnostic Tools" as the Administration (auto-populate)
5.   Save (will download the file)
6.   Save to Desktop and Unzip the file

Additional CDT Information can be found on the CDT SAS page.

Statewide Data

These resources and data files are provided to illustrate state-wide achievement and growth data of Pennsylvania's LEAs, districts, and schools in tested subjects and grades. *(Note: no files are available for SY2019-2020 as state assessments were not administered during that school year.)*
Check it out! Statewide Data webpage

The Future Ready PA Index is a collection of school progress measures related to school and student success. The Index includes a range of assessment, on-track, and readiness indicators, to more accurately report student learning, growth, and success in the classroom and beyond.

Efforts to mitigate the Covid-19 pandemic have impacted the availability of some data. Future Ready PA Index contains the most recent data available in the **2023-2024** school year.

Mathematics Coaching Endorsement Program

Register now for the next round of courses offered towards the PDE Mathematics Coaching Endorsement. The courses are asynchronous, and the modules can be completed at your convenience. Optional Zoom sessions are available to meet other math educators. See the Math Coaching Program flyer for more information or contact Jane Wilburne at jmw41@psu.edu.

AI and Mathematics in the News

How Generative AI Can Support Research-Based Math Instruction
Teachers can use artificial intelligence tools like ChatGPT to generate rich math tasks and differentiate instruction.

AI Can Solve an Algebra Equation in Seconds. Here's How Math Teachers Can Adapt

Additional SAS Updates

Updates to SAS Password Requirements

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Content Advisor Contact Information
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