

AGENDA

ACTL Meeting

Wednesday 5.5.2021

7:00-8:30pm

1. Welcome 7:00-7:05
*Please let me know if you are
Continuing as ACTL rep next year;
If not if you can help to find who the
New person is that is wonderful.*

2. NVCC/APS Partnerships 7:05-7:45
From Pathways to Baccalaureate
to Dual Enrollment

3. DTL Updates 7:45 -8:25
Budget, Summer School
Virginia Math Pathways Initiative (VMPI)
Fall Return-to-School

4. Wrap-Up 8:25-8:30

Join Zoom Meeting

<https://us02web.zoom.us/j/85324652936?pwd=V2JhU0dCcCtWdVgyeTRLNEg3NHM4UT09>

Meeting ID: 853 2465 2936

Passcode: 194281

1 312 626 6799 US (Chicago) Meeting ID: 853 2465 2936 Passcode: 194281

The meeting will be recorded

Next Meeting

Wednesday June 2 – Year End Wrap Up

Virginia Math Pathways Initiative (VMPI)

As a part of the regularly scheduled 2023 update to the Virginia Mathematics Standards of Learning, the Virginia Department of Education (VDOE) is leading an effort to modernize and reshape Virginia's math curriculum via the Virginia Math Pathways Initiative (VMPI). Its goals are to incorporate more data science and statistics into coursework, encourage learning by applying math to solve real-world problems, and ensure that students graduate high school with math skills that prepare them for 21st century careers.

Under VMPI, most students in grades K-10 would study the same courses that would provide a shared base of knowledge. K-7 students would learn Foundational Concepts, working with their peers on applied math projects. Students in Grades 8-10 would take Essential Concepts courses which would blend some content from Algebra I, Geometry, and Algebra II with content from data science, statistics, and probability, with an emphasis on cross-curricular study and collaborative learning. After building a similar base of math skills in Grades K-10, students would then choose from multiple course offerings in Grades 11-12 depending on their career interest; these offerings would include statistics, data science, modeling, design, and logic, amongst others. STEM-interested students could take a combined trigonometry and condensed pre-calculus course in 11th grade that would ready them to take calculus in 12th grade. While calculus is still offered under VMPI, it is expected that the share of students taking calculus will fall as more students elect to take the new course offerings instead.

Under the current timeline, VMPI would come into effect during the 2025-26 school year. At present, VMPI is still in its formative stages and VDOE announced a modification to its VMPI plan last month. While VMPI was built around the assumption of heterogeneous classes in Grades K-10, VDOE said districts would now have flexibility to incorporate some acceleration and/or honors/support classes to best meet local needs.

More information about VMPI can be found at: <https://www.doe.virginia.gov/instruction/mathematics/vmpi/index.shtml> VDOE welcomes community feedback on VMPI; you can email any thoughts to vdoe.mathematics@doe.virginia.gov.

You are also welcomed to join the APS Math Advisory Committee May 5.19 6pm and/or June 6.16 6pm meetings. If interested, please let me know and can provide you the meeting details.