

POSTSECONDARY READINESS

Directions: Explore resources, read one article, watch one video, and listen to a recording of your choice from the list below. Feel free to go big and read them all to support planning, learning, and teaching.



READ

Read one or more articles

- Charles A. Dana Center. (2020). Launch Years: *A new vision for the transition from high school to postsecondary mathematics.* <https://www.utdanacenter.org/sites/default/files/2020-03/Launch-Years-A-New-Vision-report-March-2020.pdf>
- Common Vision for Math programs: <https://maa.org/resource/common-vision/>
Link to the full report: <https://maa.org/wp-content/uploads/2025/01/CommonVisionFinal.pdf>
- Complete College America: <https://completestate.org/>
- Counselor Views On Math Coursetaking and College Admissions. Burdman, P., & Anderson, V. (2022). Executive Summary https://cdn.prod.website-files.com/61afa2b5ded66610900a0b97/6307f80f999e112bb1126c73_Just-Equations-2022-Report-Calc-the-Odds-Exec-Summ-Digital.pdf
Fact sheet: https://cdn.prod.website-files.com/61afa2b5ded66610900a0b97/6317bbfb9ed24ab25b676b25_COA%20II_fact_sheet_FINAL.pdf
- Bressoud, D. M. (2021). The strange role of calculus in the United States. ZDM: Mathematics Education, 53, 521–533. <https://link.springer.com/article/10.1007/s11858-020-01188-0>
- Bland, S., Burdman, P., & Baker, M. (2024). Beyond algebra: High school math for a new generation. Just Equations. <https://www.justequations.org/resource/beyond-algebra-high-school-math-for-a-new-generation>
- [ACME Executive Summary Report](#)



WATCH

Watch one or more videos

- Counted Out (3-min trailer): <https://www.youtube.com/watch?v=M5a2la9WTtY>
- Civic Engagement (3-min clip from Counted Out) <https://www.youtube.com/watch?v=TLCdfofOjXk>
- Math for Informed Citizens by David Kung <https://www.youtube.com/watch?v=Nel5PF8jtsM>
- NCSM interview of Steve Leinwand and Eric Milou on "Providing the Bold Leadership Needed to Invigorate High School Math for ALL 15 Million H.S. Students" https://www.youtube.com/watch?v=3gChh4U_Oc

	<h2>LISTEN</h2> <p>Listen to one or more recordings/podcasts</p> <ul style="list-style-type: none">• https://freakonomics.com/podcast/americas-math-curriculum-doesnt-add-up/• https://www.the74million.org/article/podcast-changing-the-equation-how-to-make-math-class-more-meaningful/• Getting students ready for college and career mathematics https://www.maestasmath.com/teaching-that-counts-podcast
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	<h2>EXPLORE</h2> <p>Explore additional resources used in the field</p> <ul style="list-style-type: none">• Exemplary guidance materials for CT:<ul style="list-style-type: none">◦ https://ghs.greenwickschools.org/academics/course-of-study-guide◦ https://programofstudies.whps.org/programofstudies/course-descriptions• Examples from other states<ul style="list-style-type: none">◦ Massachusetts◦ Maryland• Worksheet from Engineering and Science University Magnet School<ul style="list-style-type: none">◦ Additional student examples◦ Blank worksheet to guide discussion about student course progression
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	<h2>REFLECT</h2> <p>Reflect on the following questions</p> <p>Based on the recommendations and reflections from the Webinar and what you learned from the above:</p> <ul style="list-style-type: none">• What do you think might work best for your district?• Identify people you need to contact to help improve or create guidance materials for students, counselors, teachers, and parents• Consider what the people, who will help with these, might need from you <p>When materials are ready:</p> <ul style="list-style-type: none">• Identify who could provide training for your faculty/staff and what might the trainers need from you• When products are ready, dissemination plans will need to be created for different stakeholders (students, parents, counselors)
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PD Playlist created [by CT Noyce Math Teacher Fellows](#)

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