



# Using DERIVITA to Support Utah HS Math Graduation Pathways

The Utah HS Math Pathways prepare to meet the QL requirement in college and possibly satisfy the requirement while still in high school.

Derivita offers Utah Teachers the chance to utilize a high-quality Math Item Bank that directly aligns with all the of the topics listed in the Utah High School Math Graduation Pathways.



## Quality Content to Meet Pathways Requirements

Derivita offers a high-quality Math Item Bank of 75,000+ items with 25+ question types - all aligned to the Utah High School Graduation Pathways.

Each question comes with:

- 10-100's randomizations
- Large range of DOK levels
- Fully worked-out solutions
- Automated feedback as the student works through the problem
- Automated grading options
- Opportunities to showcase student thinking



## Visualize Student Progress Throughout a Path

Teachers can immediately assess and visualize student progress throughout a single course or their chosen pathway with tools like SpotCheck! and Show Work.

SpotCheck is an immediate formative assessment that can be used on any device and actively engages every student.

Show Work allows students to upload images of their written work and teachers to review that work directly in a digital assignment or assessment.



## Ensure Pathway Progress with Concept Mastery

Teachers can allow for "multiple attempts" on items, tasks, or assignments to ensure concept mastery.

Teachers can also offer individualized and immediate feedback to each student as they work through the problem or assignment.

Lastly, teachers can ensure student success by making informed decisions based on Derivita's reporting and visualizations of student thinking and progress.

## High School Math Courses Offered in Derivita

Utah High School Math Teachers have access to the **ENTIRE** Derivita Math Item Bank.

### Secondary Math I

- Linear / Exponential Functions
- Congruence
- Matrices (Plus)
- Vectors (Plus)

### Secondary Math II

- Quadratic Functions
- Similarity
- Right Angle Trigonometry
- Conditional Probability
- Depth in Complex Numbers (Plus)
- Trigonometric Identities (Plus)
- Conic Sections (Plus)

### Secondary Math III

- Polynomial, Rational, Radical Functions
- Trigonometry
- Logarithms
- Data Collection and Analysis
- Composition of Functions (Plus)
- Inverse Functions / Trig Functions (Plus)
- Polar Coordinates (Plus)
- Arithmetic and Geometric Series (Plus)

### College Math Credits

- Quantitative Reasoning
- College Algebra
- College Trigonometry
- AP Pre-Calculus
- AP Calculus AB
- AP Calculus BC