

Who We Are and What We Do

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WELCOME TO THE FAMILY OF HIGH SCHOOL MATH LIVE!

We are honored to partner with you for math success and are looking forward to a great year together. HSML uses the feedback we receive from students, parents, and teachers to adjust our policies each school year. Whether you are new to HSML or are a returning teacher, please read through this handbook so you will be ready for a smooth start to the school year.

Our Mission: The mission of HSML is to provide home educating families access to excellent math instruction with consistent accountability and expert feedback.

Our Purpose: High School Math Live's purpose is to partner with home educating parents for success in math education by providing excellent math instruction, consistent accountability, and expert feedback. By demonstrating a love for mathematics and holding students to rigorous standards, teachers strive to help students advance in math education. HSML values the achievement of excellence in logical and analytical thinking and problem-solving skills and the mastery of mathematical concepts that are introduced in each course. HSML believes that it is important for students to demonstrate an understanding of the interconnectedness of mathematics by their ability to apply previously learned concepts in increasingly abstract problem sets.

Our teachers: HSML partners with credentialed and experienced teachers who work as independent contractors. HSML teachers adhere to a high standard of professionalism both in the communication of mathematical principles and in their relationships with the students and parents. Our teachers hold students accountable to excel in both their mathematical ability and in their growth and maturity as students, demonstrating increasing responsibility for their learning as they move into higher levels of coursework. We provide excellence but not conformity. Variation among teachers and their teaching styles should be expected.

Our goals are...

- To provide excellent Instruction – live, interactive, and engaging online classes.
- To provide weekly accountability – weekly quizzes/chapter tests proctored by the parent, graded by the teacher.
- To provide expert feedback – grades returned quickly with individualized feedback so that progress can be monitored.
- To provide rigorous scope and sequence – preparing students for upper-level course work in high school and beyond.
- To teach and assess in a way that encourages students to learn to think.
- To challenge students to verbalize and demonstrate their problem-solving process.
- To demonstrate a love for mathematics.

Learner Outcomes: HSML learners will:

- a) Demonstrate knowledge and skills that result in recognizing and applying appropriate algorithms to a variety of mathematical concepts.
- b) Solve level-appropriate complex and diverse problems by applying mathematical techniques, identifying a variety of methods that can be utilized in a problem-solving situation.
- c) Use technology as an aid to solving complex functions both visually and computationally when appropriate.

HSML uses experienced, credentialed teachers offering live and interactive online classes that meet twice weekly. We also offer self-paced (AMP) classes. Our courses are:

- [Pre-Pre-Algebra \(7th grade math\)](#)
- [Pre-Algebra \(AMP and on-level\)](#)
- [Algebra I \(AMP, on-level and honors\)](#)
- [Geometry \(AMP, on-level and honors\)](#)
- [Algebra II \(AMP, on-level and honors\)](#)
- [AMP Statistics \(available fall 2023\)](#)
- [Pre-Calculus with Trigonometry \(AMP, on-level and honors\)](#)
- [Calculus I \(AMP and on-level\)](#)
- [AP[®] Calculus AB \(College Board Approved\)](#)
- [AMP Calculus II](#)
- [AP[®] Calculus BC \(BC Content Only – College Board Approved\)](#)

[Click here for information about self-paced \(AMP\) courses.](#)

WE ARE WASC ACCREDITED! YOUR STUDENT CAN EARN A-G CREDIT TOO!

HSML is included on [UC's list of Online Course Publishers](#) so in most instances, your student can earn A-G credit by completing our courses. Please confirm that HSML is A-G for your charter school.

High School Math Live has been granted accreditation by the Accrediting Commission for Schools, Western Association of Schools and Colleges (WASC). HSML's accreditation status extends through June 30, 2025, and is a testimony to the dedicated faculty, staff, and other stakeholders committed to high-quality learning and well-being for all students through a continuous improvement process.

HSML would also like to thank the accreditation visiting committee for their perspectives throughout the visit based on the WASC criteria. The visiting committee report noted the following areas of strength exhibited within our school community:

- The SEP (Supplemental Education Provider - HSML) has developed a mission and purpose that guides their decision making.
- There is evidence of stakeholder commitment to the program and through interviews of stakeholders, the program is helping students meet their individual learning goals and reasons for attending the program.
- They provide an engaging and interactive online learning experience that is rigorous with demonstrated student growth in math.
- There is demonstration of student learning growth through both quantitative and qualitative data.
- Teachers are qualified to teach students in the subject based on their education, training and professional experience.
- Curriculum is well developed, and standards aligned and include course outcomes.
- They have appropriate use of assessment data to assess student progress and their processes for collecting and using data to drive decision-making is emerging.
- They have developed strong partnerships with a variety of other education institutions and charter schools who use their curriculum to enhance their program's quality.

The Accrediting Commission for Schools, Western Association of Schools and Colleges (WASC), works closely with the Office of Overseas Schools under the U.S. Department of State. Accreditation is a collaborative self-reflection and evaluation of all aspects of the school's program and its impact on student learning and well-being based on the WASC research-based criteria. Furthermore, accreditation is a certification to the public that the school is a trustworthy institution of learning and well-being that is committed to continuous improvement.

WASC accreditation demonstrates:

- the school is substantially accomplishing its stated purposes and functions identified as appropriate for an institution of its type, and
- the school is meeting an acceptable level of quality in accordance with the WASC criteria adopted by the Accrediting Commission.

Through the WASC accreditation cycle, the school conducts an in-depth self-study, normally every five or six years; hosts an accreditation visit by fellow educators; and engages all stakeholders in a follow-up process of implementing, monitoring, and refining the resulting schoolwide action plan. The visiting committee's report and recommendations are submitted to the WASC Commission for review and action on accreditation.

To learn more about WASC and the accreditation process, visit www.acswasc.org.