



WAYS TO USE ALGEBRA NATION

All of our materials are aligned to the Mississippi College- and Career-Readiness Standards, so you can be sure they are tailored to the content you need to teach, but flexible enough so you can use them in a way that works for you and your students!

VIDEOS

- **Teachers use the instructional videos to easily differentiate instruction.**

- Part of the class can watch an instructional video while the teacher works with a small group that needs more intervention.
- Teachers can direct struggling students to instructional videos for extra review and support.
- Advanced students can watch videos to move ahead at their own pace.

- **Teachers use the instructional videos in segments.**

- Teachers can introduce a topic using the beginning of a video before diving deep with an inquiry-based, student-centered lesson.
- Teachers can use the practice portion of the video to reinforce instruction.
- Teachers can use the "Beat the Test" portion as a recap of the lesson.

- **Teachers use the instructional videos as a "co-teacher".**

- Teachers can play the video while they monitor the classroom. If they notice that students are struggling, they can pause the video and give more focused instruction.

- **Teachers never have to lose a day of instruction.**

- Teachers can assign videos when they need to be absent so the class can stay on track. This can be especially helpful to substitute teachers!
- Students who are absent can watch the videos while they are away from class to stay on track, or use videos to catch up quickly when they return to school.

- **Teachers use the instructional videos for professional development.**

- Teachers can review the videos to see how other teachers present content and can integrate new strategies into their own pedagogy.

Are you interested in professional development to help you get started with Algebra Nation? We are happy to offer you a free training! Email Chelsea@AlgebraNation.com to schedule a custom training that meets your needs!



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“TEST YOURSELF!” PRACTICE TOOL

- **Teachers can use the “Test Yourself!” Practice Tool as a formative assessment.**

→ Teachers can ask students to complete a “Test Yourself!” assessment while showing their work on scratch paper. Students can then watch the solution videos for the questions they missed and complete error analysis to understand and learn from their mistakes.

ALGEBRA WALL

- **Teachers incorporate the Wall into a Study Improvement Plan.**

→ Teachers can encourage students to post questions that they missed on an assessment on the Wall so they can get help from peers or Study Experts. Students can provide proof of these interactions and earn partial credit for reworking the problems.

- **Teachers can give participation grades or extra credit to students for helping other students on the wall.**

Visit AlgebraNation.com/MS to get started! Click "Enter" and use your district credentials to log in.

For other ideas about how you can implement Algebra Nation in your classroom or to share suggestions of your own, log in to Algebra Nation and post your questions or ideas on the Teacher Wall to get input from other Algebra teachers from across Mississippi!