



**BY TEACHERS, FOR TEACHERS**

The University of Florida and Study Edge invite math teachers from across the state to incorporate **ALGEBRA NATION** into their lesson plans and End-of-Course exam preparation.

**ALGEBRA NATION** is a highly effective, intensive, online learning, 24/7, free End-of-Course exam preparation resource.

UF and Study Edge will launch **ALGEBRA NATION** statewide Jan. 15, 2013.

UF professors, master teachers and Study Edge experts have dissected the material tested on the End-of-Course exam and aligned **ALGEBRA NATION** with the latest state standards. And **ALGEBRA NATION** invites everyone to the table: Study Experts cultivate interactions among students, teachers and parents across the state, stimulating and monitoring discussions and providing feedback and assistance. Students help each other as they tackle higher order math skills and concepts. Teachers share their pedagogical secrets and generate new knowledge as they seamlessly interact on this platform.

This supplemental online resource offers teachers many tools, such as:

- 1) A continuous classroom. A bell schedule no longer constrains teachers and students. **ALGEBRA NATION** videos offer a wide range of material – from review sessions to concept breakdowns to practice problems – supplementing the school-day learning. For instance, teachers ask their students to join in the conversation on the Algebra Wall.
- 2) Participation flexibility. Teachers' **ALGEBRA NATION** participation options range from simply pointing their students to AlgebraNation.com to communicating with colleagues, experts and students from across the state.
- 3) End-of-unit reviews. Teachers use **ALGEBRA NATION** videos in stations or assign as homework to jog your students' memories before an end of unit review. **ALGEBRA NATION** also offers mini quizzes for students to self-test and chart their own study path. For teachers who choose to become involved, **ALGEBRA NATION** sets up a teacher account, which gives access to students' quiz results, among other data. This helps teachers target their prep lesson plans
- 4) End-of-Course exam review units. Teachers plan an entire End-of-Course review unit using the structure and resources available through **ALGEBRA NATION**. Through it, students gain familiarity with the computer-based format of the End-of-Course exam.
- 5) Membership in a statewide math community. Participating in an ongoing dialogue with their colleagues, experts and students through **ALGEBRA NATION**, teachers put their fingers on the pulse of what's working. They share tips and tricks to help students excel. Their contributions to **ALGEBRA NATION** help create a showcase for the best ideas and lessons in Florida.

**Teachers: To get started, please sign up at [AlgebraNation.com](http://AlgebraNation.com).** You will be contacted and given an easy-to-use starter kit, with all the resources needed to get students and parents onboard and online. We have a dedicated staff available to answer questions through email and phone. Contact us at [Melody@AlgebraNation.com](mailto:Melody@AlgebraNation.com) or (888) 97-STUDY.

## ALGEBRA NATION COMPONENTS

- 1) **Video Content Review Sessions:** Effective, entertaining videos feature nationally renowned Study Experts – young, energetic pros – and dynamic algebra teachers from throughout Florida. Unlike other tutoring videos, **ALGEBRA NATION'S** high quality videos are interactive. Students see the problem and the instructor at the same time, and are given thorough breakdowns of individual practice problems. Some videos offer swifter versions; others serve up a slower approach for students who need to drill down on particular concepts.
- 2) **Study Guides:** Students download, print and/or view review sheets that parallel and reinforce the videos. The aligned practice problems are each paired with a thoroughly outlined video solution.
- 3) **Interactive Algebra Wall:** Students ask any and all questions 24/7 and receive answers from peers and teachers. Study Experts monitor the interactions in real time, answering questions and reading every thread to ensure the accuracy of peer replies. Students feel free to ask even the simplest questions. The discussions they spark and the answers they elicit are simultaneously individualized yet universal.
- 4) **Algebra in Action Videos:** Short videos starring UF students and others show algebra's everyday usage. The featured students, who represent many backgrounds and majors, describe how they've conquered algebra and use the knowledge to achieve their goals.
- 5) **Secure for All:** UF and Study Edge have taken every step to ensure the security of **ALGEBRA NATION** participants. For instance, participants' profile pages are blocked, making it impossible to click on their names and access their information. A UF/Study Edge video also guides students and parents on online and social media safety.
- 6) **Algebra Nation Incentives:** Students receive Karma Points for answering peers' questions on the Algebra Wall. The answer-givers sharpen their knowledge, as well. By helping others, they perform better on the End-of-Course exam. UF and Study Edge award incentive prizes to teachers and students alike. Teachers will receive prizes for categories such as earliest adopter (highest percentage of students actively participating by a given date), best lesson plan that incorporates **ALGEBRA NATION**, and most involved in wall discussions. Students will win prizes for categories that include most active student participant on wall and most karma points by a certain date. Prizes include gift cards, class parties, and even iPads!