

ALGEBRA NATION

ETHAN FIELDMAN, CO-DIRECTOR



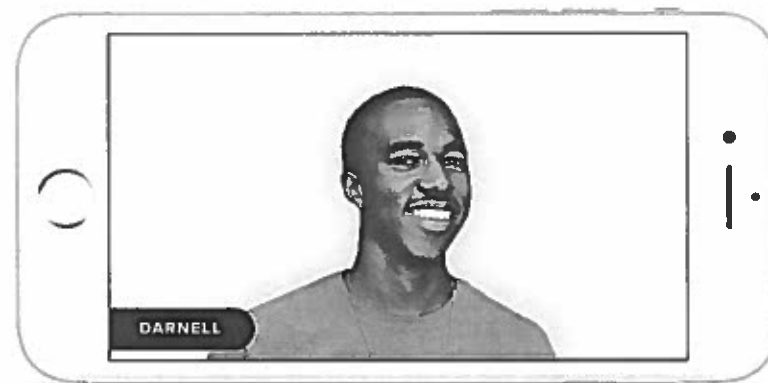
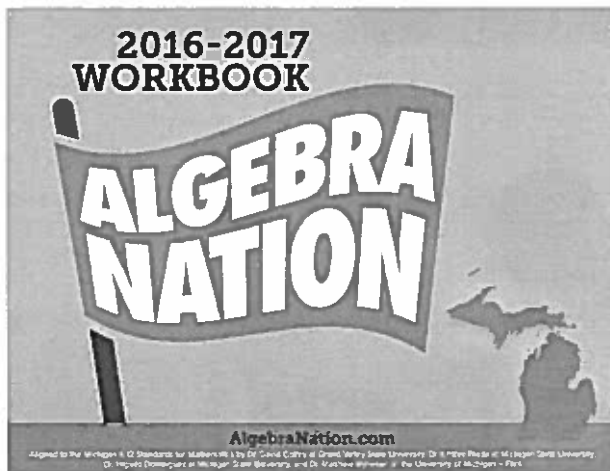
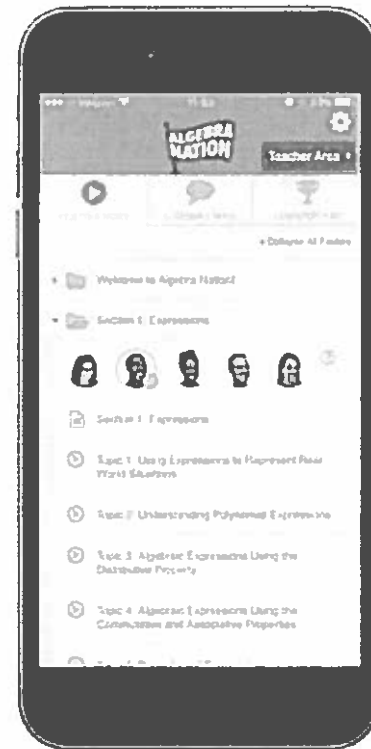
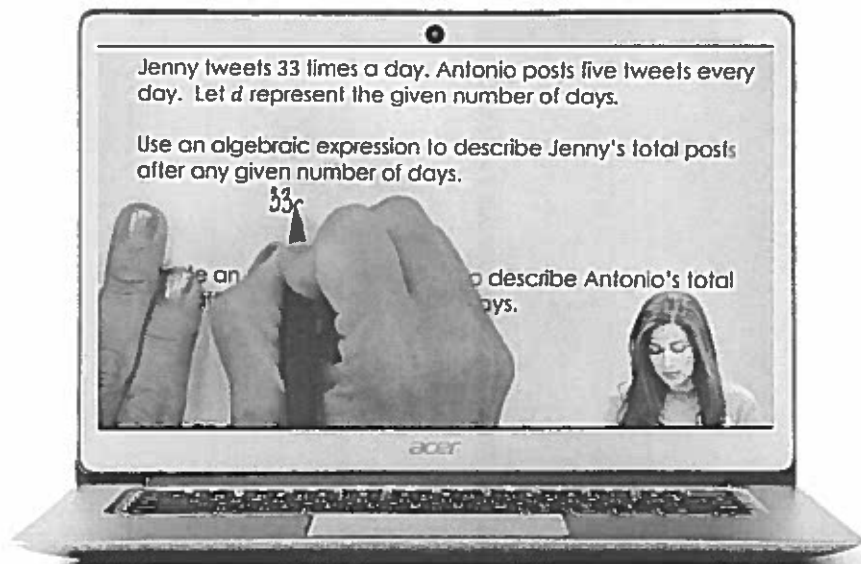
HISTORY

- ▶ Spring 2012: New Algebra 1 End-of-Course Exam in FL; **52% failure rate**
- ▶ University of Florida College of Education / Study Edge decided to help
 - ▶ Engaging videos with ability to choose instructor
 - ▶ Workbook to follow along
 - ▶ Peer to peer tutoring nights and weekends for all students
 - ▶ Mapped to their district's scope and sequence
 - ▶ Parent involvement
- ▶ Adopted by **every district (67)** by end of 2013 (**no mandate**)
 - ▶ Pass rate first 2 years: **+8% statewide**
 - ▶ UF research: **+10% across all backgrounds**
- ▶ Florida (4th year), Michigan, New York City, Mississippi (pilot), Alabama (pilot)

NEED IN MICHIGAN

- ▶ Failed to score “Proficient” on 2015 M-STEP Assessment: **71.5%**
 - ▶ In Detroit: **90.5%**
- ▶ Did not score “College & Career Ready” score on 2016 SAT: **60%**
- ▶ **900+** districts with different levels of resources and policies for tech access

EVERY DEVICE IS SUPPORTED



MICHIGAN ALGEBRA WALL



Tyler Gorecki

Pin this post Karma Points: 200 | 200

Why is it when you are dealing with exponents and it looks like 7^0 , why would the sum of that be 0?

Like 2 Comment March 6th at 5:21pm ET (Post #786)



Sabrina Reiss ---a-n---

Study Expert

It would not be. Anything with an exponent of 0 will become 1!

Like Comment March 6th at 5:24pm ET (Post #787)



Kendall Griggs

Karma Points: 1,400 | 1,400 +100

+200 +500

Hi:) it actually wouldn't. Anything with The exponent of 0 actually has a sum of 0!

Like 1 Comment March 6th at 5:24pm ET (Post #788)



Kendall Griggs

Karma Points: 1,400 | 1,400 +100

+200 +500

Oh man I meant to put a sum of 1 my bad!!!

Like Comment March 6th at 5:26pm ET (Post #790)



Sabrina Reiss ---a-n---

Study Expert

Hi Kendall, do you mean a sum of 1?

Like Comment March 6th at 5:26pm ET (Post #791)

TIMELINE

- ▶ December 5: Received draft contract from MDE
- ▶ December 8: Sent signed contract back to MDE
- ▶ December 20: Received executed contract
- ▶ Dec. 26 - Jan. 6: Schools' Holiday Break
- ▶ January 6: First workbooks delivered to teachers
- ▶ **~40 school days** in: working with **73 districts**
almost **25,000 workbooks** ordered

VISITS

**Detroit Public Community Schools
(multiple visits)**

Au Gres-Sims School District

Big Rapids Public Schools

Birch Run Area School District

Coopersville Area School District

Dearborn City School District

Ann Arbor Public Schools

DeWitt Public Schools

Ferndale Public Schools

Grand Rapids Public Schools

Grosse Pointe Public Schools

Howell Public Schools

Kalamazoo Public Schools

L'Anse Creuse Public Schools

Livonia Public Schools

Okemos Public Schools

Onkama Consolidated Schools

Oxford Community Schools

**Plymouth-Canton Community
Schools**

Port Huron Area School District

West Bloomfield Public Schools

Troy Public Schools

Wayland Union Schools

Wayne RESA

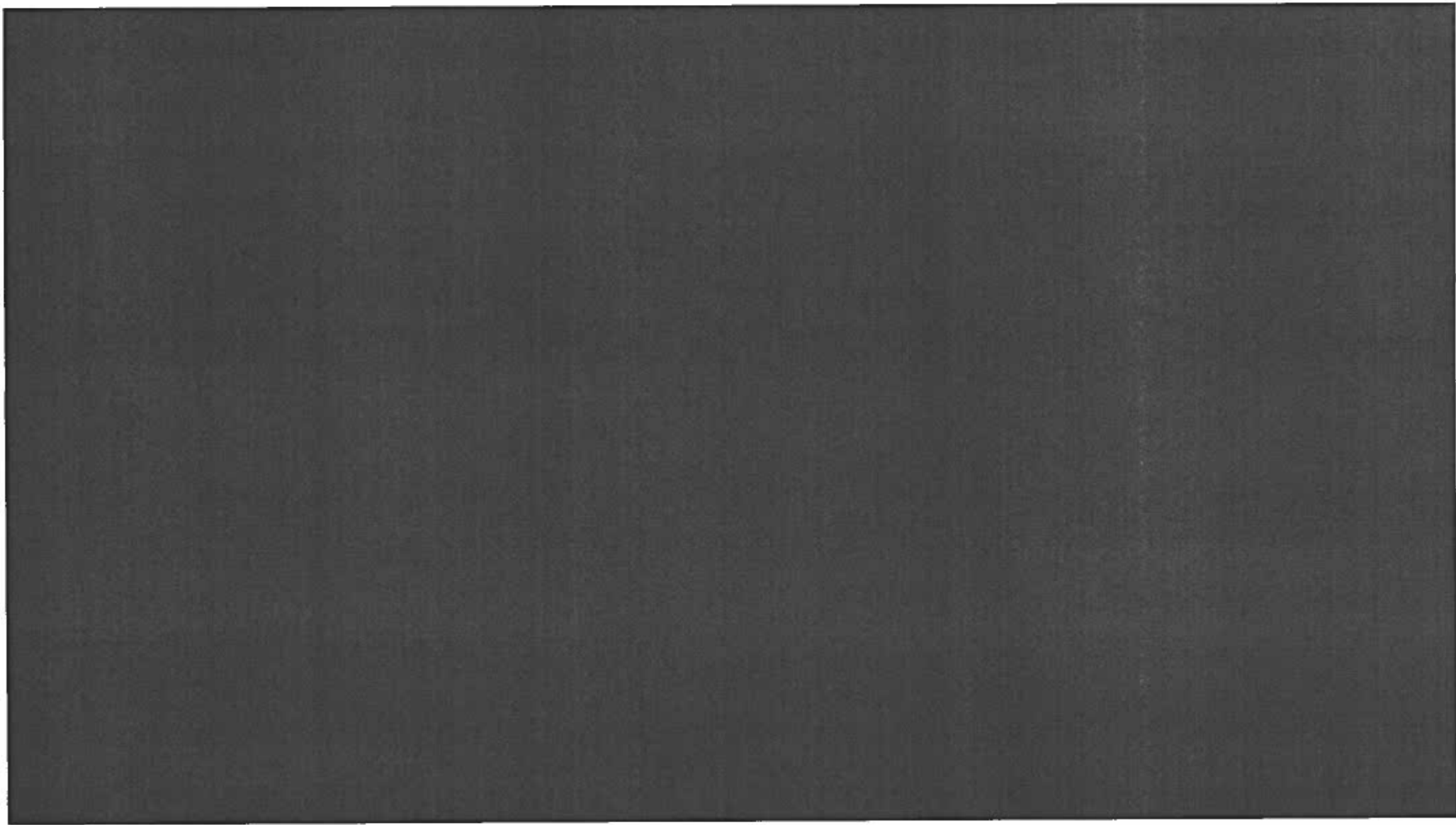
St. Joseph ISD

Kent ISD

University Prep (Detroit)

Old Redford Prep (Detroit)

- ▶ Meetings with Skillman Foundation, Michigan Education Association, Michigan Math & Science Centers, City Year Detroit, etc.



Troy School District—
Summer School
"This will be great for
summer school!"

Birch Run Area Schools—Absences
If a student falls behind or we have
snow days, they can catch up at
home with good review and solid
resources.

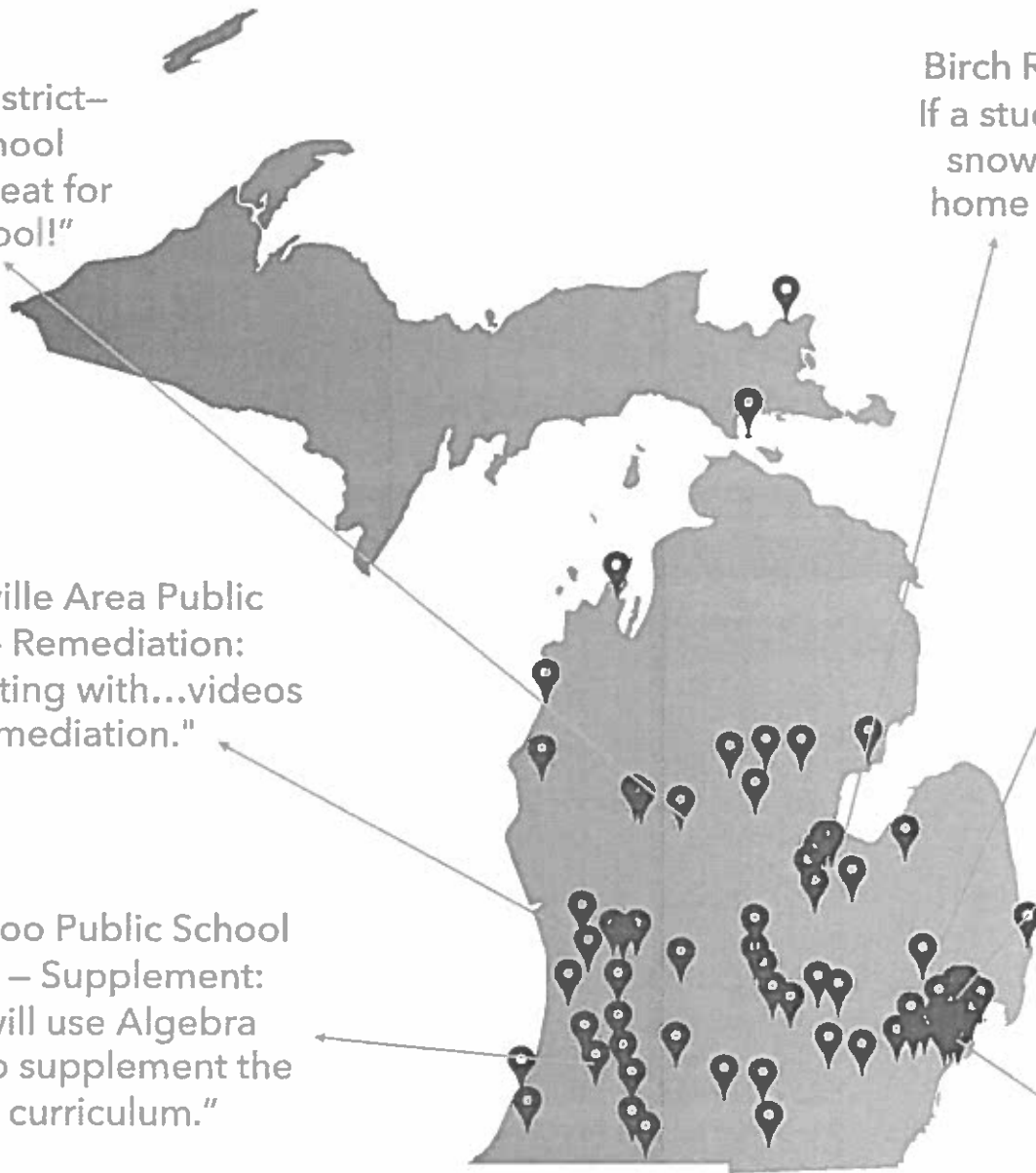
Port Huron – Supplement:
Typically don't have enough
money for supplemental
resources. State funding is key.

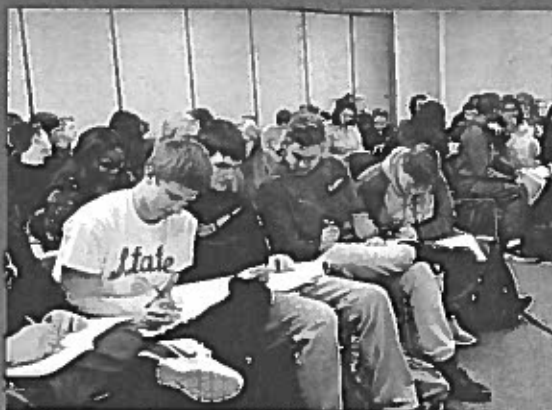
Coopersville Area Public
School – Remediation:
"Experimenting with...videos
for remediation."

L'Anse Creuse Public
Schools -SAT Prep
"We'll use Algebra
Nation for SAT prep for
our 11th and 12th
graders, too."

Kalamazoo Public School
District – Supplement:
"KPS will use Algebra
Nation to supplement the
core curriculum."

Detroit Public Schools
Community District –Substitutes
"We simply cannot find the
teachers."





QUESTIONS?



ethan@algebranation.com / taylor@algebranation.com
866-608-MATH / algebranation.com

