

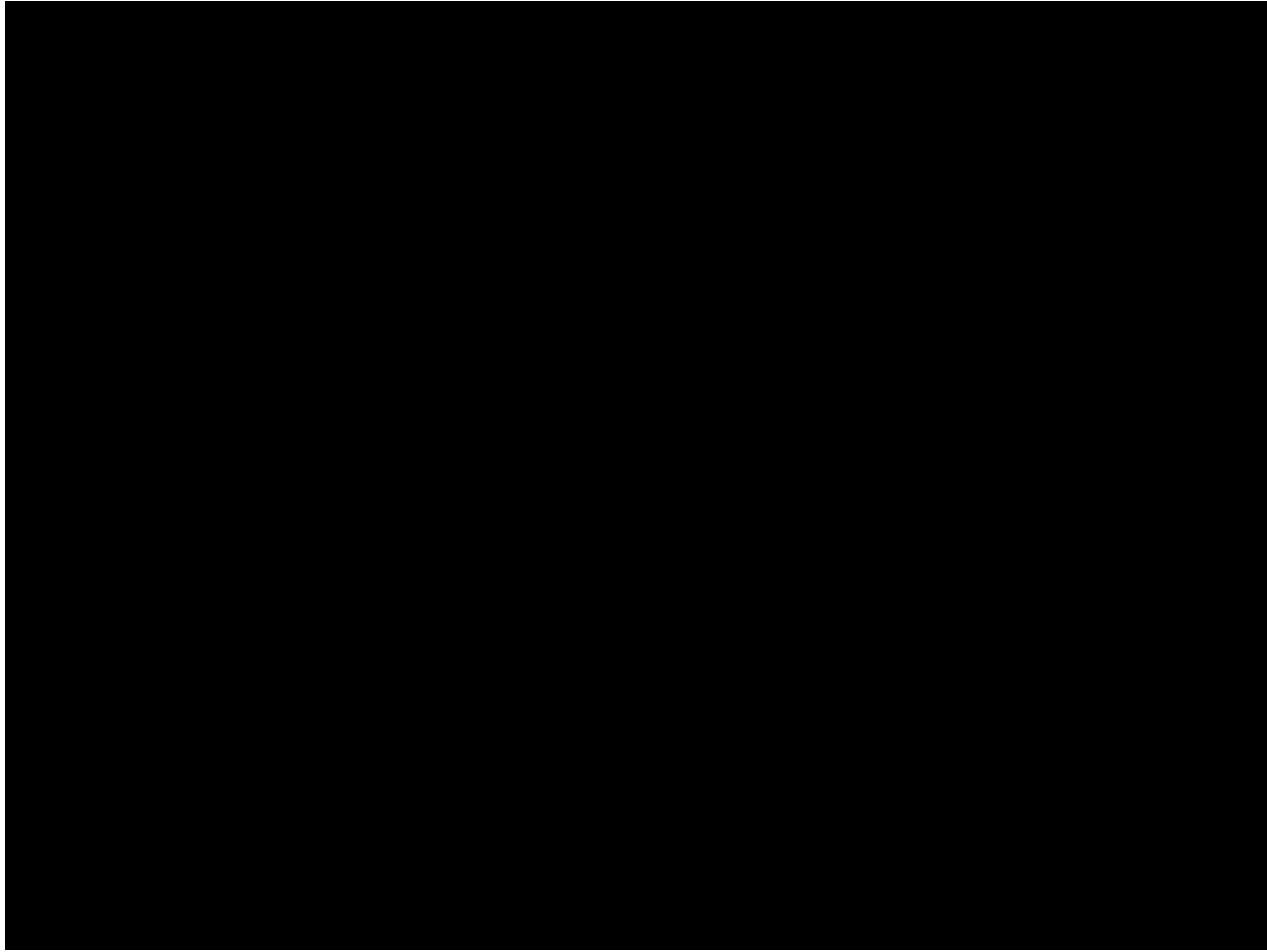


Seamless **A**lignment and **I**ntegrated **L**earning **S**upport
A True Community College/High School Collaboration

In partnership with:

Governor's Office
Tennessee Higher Education
Commission
Tennessee Board of Regents
Department of Education
TN Public Schools

Drive to 55

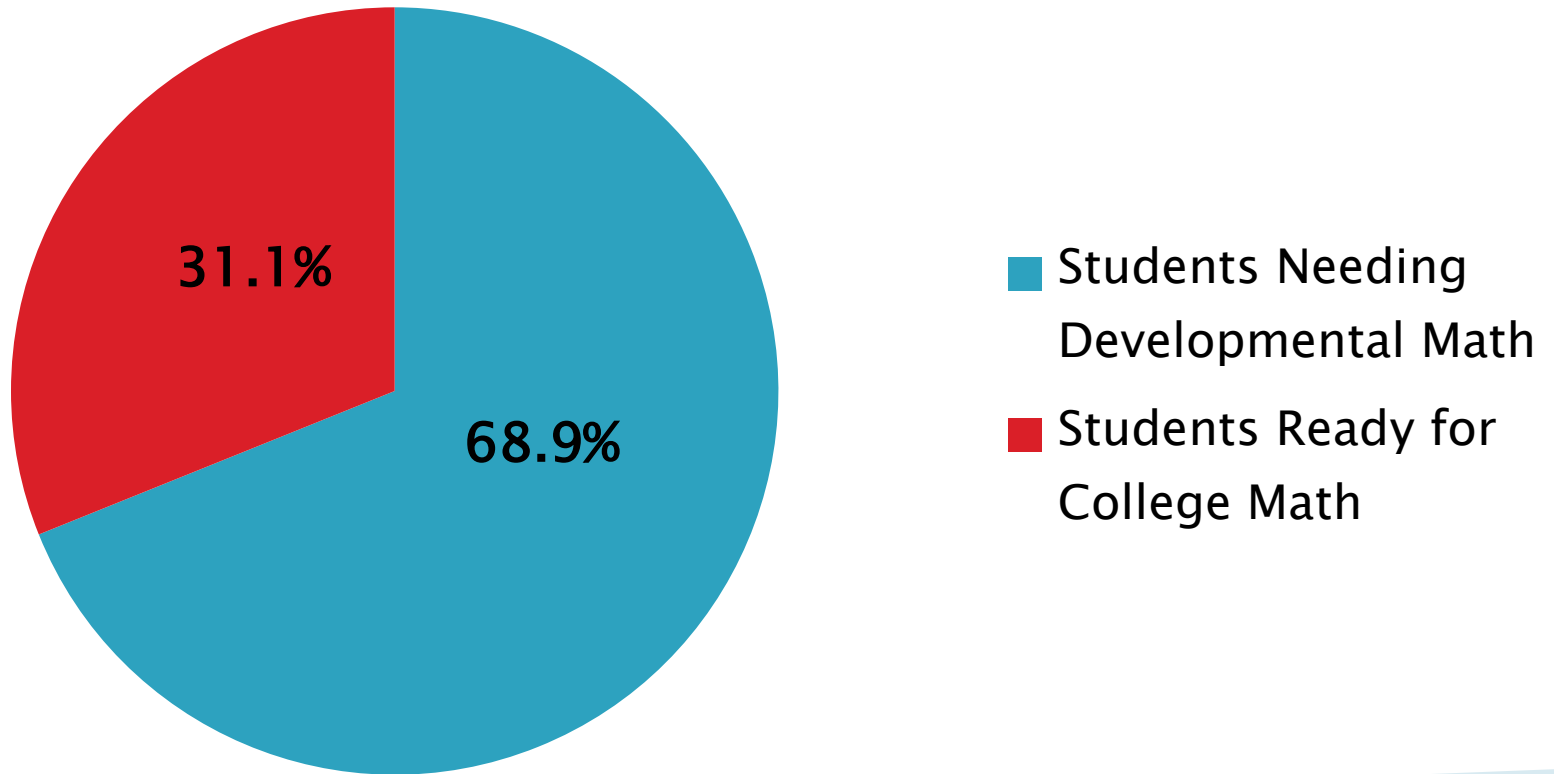


The Challenge

» Remedial Education

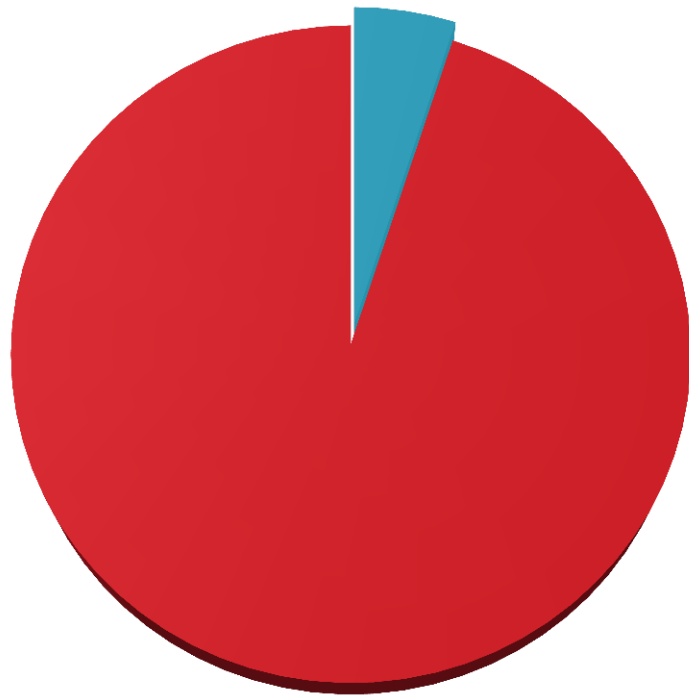
Policies Set the Stage for SAILS

Remedial Education in Tennessee



Community College First Time Freshman
Fall 2012

Remedial Education & Graduation Rates



5% ■ Earning a Certificate or Associate's Degree Within 3 Years

95% ■ No Certificate or Degree Within 3 Years

2010–2011 Academic Year Chattanooga State CC

The Family Financial Challenge



Fotolia.com

Number of TBR
Community College
students who paid
for remedial math
courses in fall 2012
that did not count
toward graduation:

11,000

Cost to the students
and taxpayers:

\$12,364,000.00

Policy Sets the Stage for Reform



Tennessee Diploma Project (2009)

Goal: Increased high school graduation and college readiness

Complete College Tennessee Act (2010)

Goal: Increased degree production and career placement

Tennessee First to the Top (2010)

Goal: Increased high school graduation

Drive to 55 (2013)

Goal: Meet state workforce and training needs

The Solution

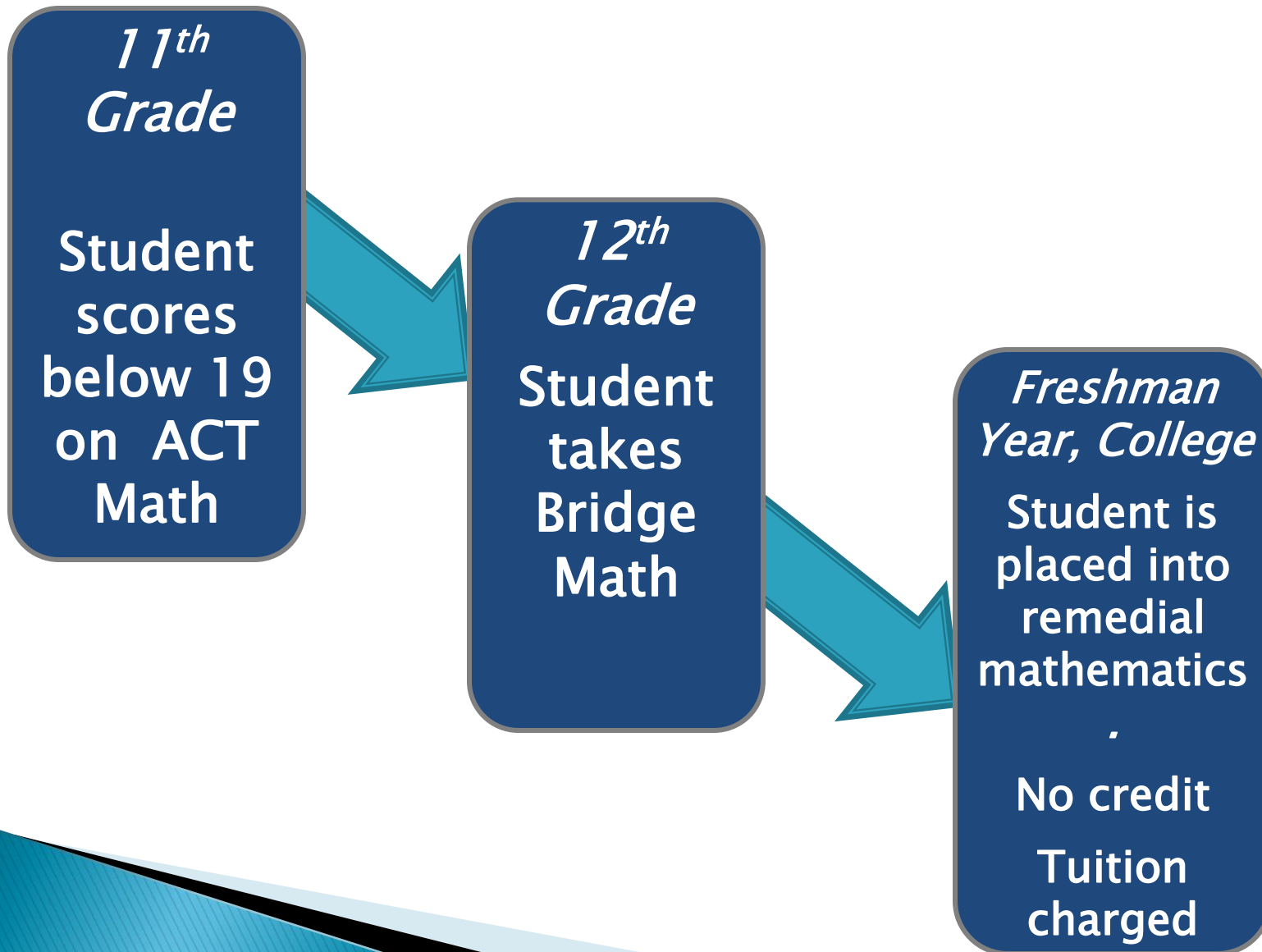
»» SAILS Nuts and Bolts

No More Business as Usual

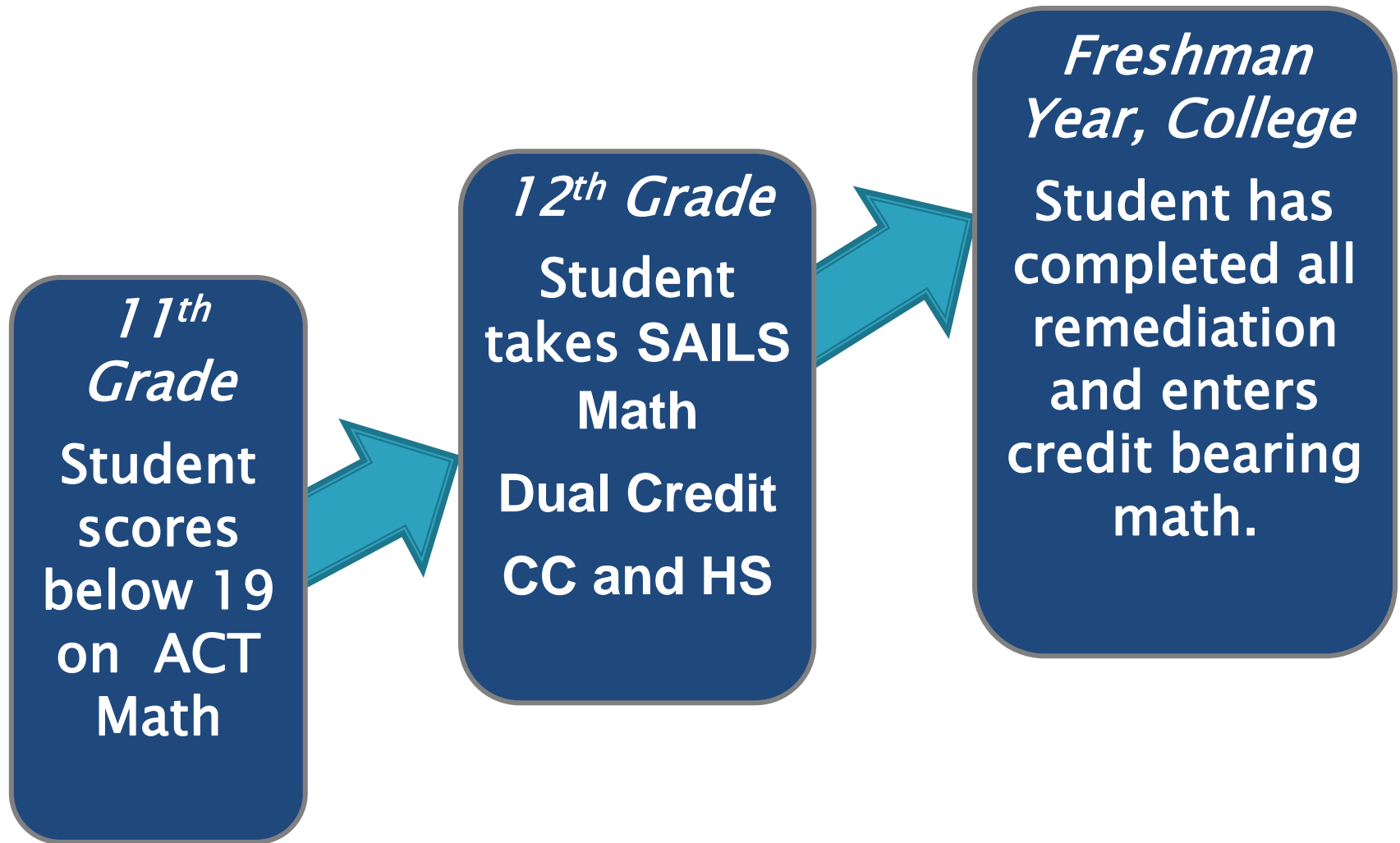
Inside a SAILS Classroom

Teamwork and Transparency

The Traditional Approach to Remediation



The SAILS Solution



SAILS Pilot: 2012

Spring 2012

- First SAILS Class Occurs at Red Bank High School
- 67% of students completed all math competencies


Fall 2012

- 4 Community Colleges, 20 High Schools and 600 students statewide
- 83% of students at Chattanooga State completed all math competences
- 16% of students went on to also complete credit-bearing math prior to graduation, performing better than the students who had higher ACT scores and were ready for college math

The First SAILS Classroom (Spring 2012)



How SAILS Works

- ▶ **Bridge Building**
 - College instructors and HS Teachers developed a SAILS math course during summer sessions
 - Aligned/embedded TBR college developmental competencies with the TN DOE bridge math standards
 - ▶ **Target students not ready for college-level math**
 - (Math ACT < 19)
 - HS administration placed seniors in the class based on internal requirements for HS bridge math
 - ▶ **Offer SAILS course as a dual credit taught by HS teacher**
 - No college-teaching credential required
 - Free to students
 - ▶ **Content and assessments delivered online**
 - Uniformity
 - Quality
- 

SAILS: No More Business as Usual

▶ Blended Learning

- Assessments and resources are online with individual assistance given by HS teacher giving students mobility so they can work at home
- Classes meet in a computer classroom at least 50% of the time; many classes meet in computer lab 100% of the time

▶ Mastery Learning

- Students complete all assignments
- Students demonstrate mastery over concepts and skills, ensuring a proper foundation for success in college

SAILS: Teamwork and Transparency

▶ Teamwork

- Field Coordinators work with HSs and CCs
- Ensure proper implementation of program
- Momentum meetings to share successes
- Interventions held at schools

▶ Transparency

- Software allows for complete transparency
- Results available to all levels of SAILS team, including Governor's office, THEC, TBR, and DOE
- Weekly statewide reports provide snapshots of entire state for each college and high school

Impact



SAILS Expansion

Statewide Results Fall 2013

Closing Opportunity Gaps

SAILS Expansion: 2013

Dyersburg
524 Students

Nashville
803
Students

Vol State
983
Students

Pellissippi
106
students

Walters
553
students

Northeast
511 Students

Southwest
59
Students

Jackson
430
Students

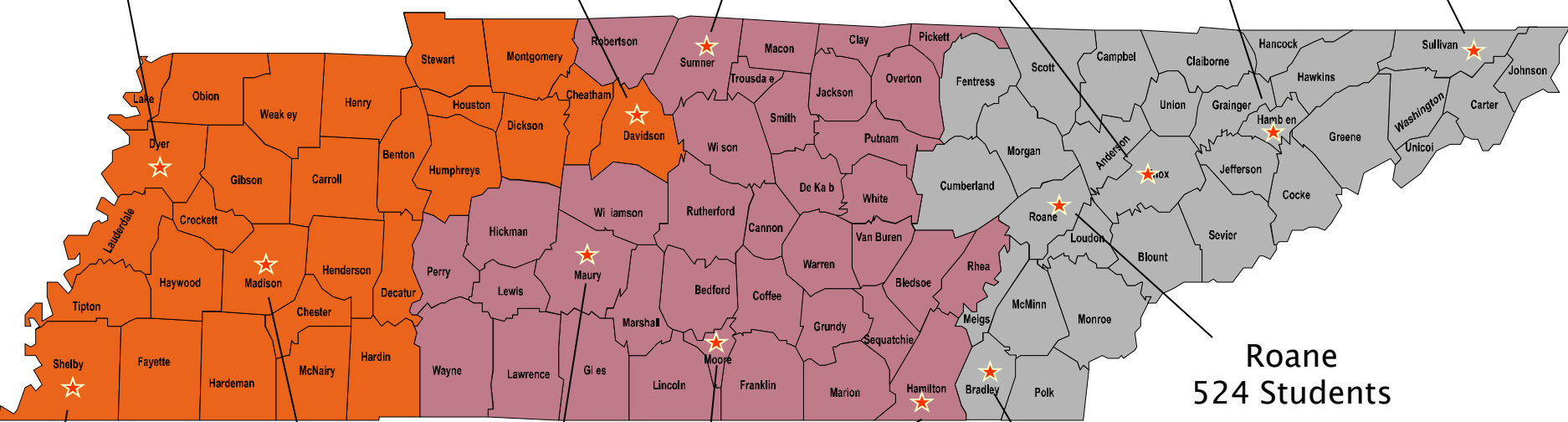
Columbia
63
Students

Motlow
101
Students

Chattanooga
949 Students

Cleveland
744 Students

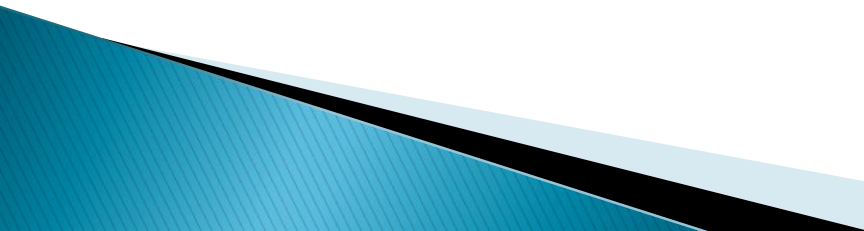
Roane
524 Students



SAILS Results: 2013-2014

- ▶ 13 TBR Community Colleges participating
- ▶ 118 High Schools
- ▶ 8,500 Students

Fall 2013 Results

- ▶ 6003 Students
 - ▶ 2,552 SAILS completers
 - ▶ 6,359 semesters saved in time
 - ▶ 19,077 competencies completed
 - ▶ \$3,491,091.00 saved in tuition and books
 - ▶ 257 Students enroll in college math in spring
- 

Closing Opportunity Gaps

Before SAILS

- Dual Enrollment Limited to Certain High Schools
- Staffing challenges for early college – most high schools can't offer it
- Lack of consistency in courses – quality control is often missing – varying standards

After SAILS

- Dual Enrollment Available to ALL High Schools
- Create teamwork between college and high school – ECHO program available to any HS
- ECHO program offers online courses with on-ground assistance – ensuring quality

The ECHO Program

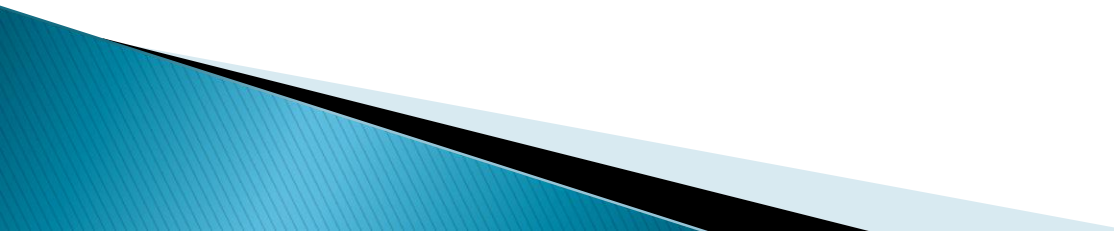
- ▶ Courses offered as online courses
- ▶ College faculty is the course instructor
- ▶ High school teacher is the on-ground facilitator
- ▶ Classes must meet in a computer classroom at least 50% of the time – giving the HS flexibility
- ▶ Many classes meet in computer lab 100% of the time
- ▶ One room schoolhouse strategy is used for those classes in computer classroom all the time
- ▶ Course offerings are expanded through this strategy



A SAILS High School

- »» Meigs County High School
- Background
- Results
- Student Stories

Program Background

- Meigs County High School was awarded a GEAR UP Grant in 2007.
 - Program initiatives were introduced to create a “College-Going Culture”.
 - Part of the creation of this change in our culture included providing students more opportunities to become “college ready” when they graduate.
- 

Results

- **More Students College-Ready**
 - 100% of regular-education students graduated from MCHS in 2013 college-ready in math.
 - No students were required to take remedial math in college
 - 27 students graduated with three hours of math credit.
 - This year over 213 college math credit hours will be earned by our students.
 - College enrollment rate has reached 55% after SAILS, up from 38% in 2007.

Future

Amber Meadows

Future Plans: Chattanooga State



(Amber is now a freshmen at Chattanooga State where she tutors her older sister with her math course!)

“Bridge Math (SAILS) has helped me improve my math skills tremendously! It pushes me and challenges me to do my best. Just when I feel like it’s impossible, I pass my test and feel so proud of myself. I feel now that I am well prepared for college. I am so grateful to the school for introducing us to this program.”

Future

Andrew Aultman
Future Plans: TTC Athens



TnAchieves Scholar

“I think that the bridge math (SAILS) program is the best math program I have ever been in . It covers so much so quickly; however, it makes it easy to learn. I have definitely learned more this year in math than any other year in school. I retook the ACT and improved my math score like 8 points.”

Future

Chandra Clayton
Future Plans: CSCC



TnAchieves Scholar/Math Tutor volunteer

"I worked so hard to finish bridge math (SAILS) just so I could take statistics. In both programs I have learned a lot. I like that you can work at your own pace and the program does not allow you to pass on until you master the lesson. I enjoy doing math now that I have been using these programs. I recommend them to any student who struggles in math."

The SAILS Approach



Planning

From 600 to 6000 in 90 Days

Government

All Hands on Deck

Finance

Invest in Success

SAILS: From Pilot to Statewide

How do you go from a 600 students pilot to 6,000 students in 90 days?

Necessary component: A Vision

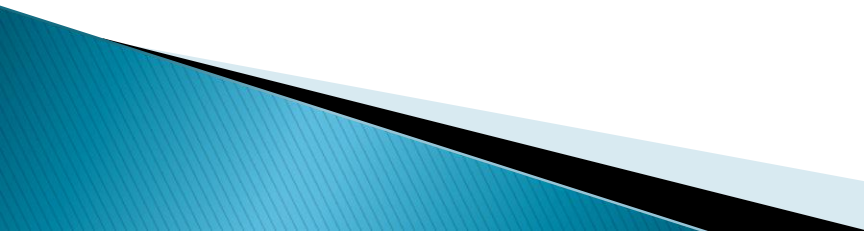
Governor Haslam's Drive to 55 Initiative set the course for an entrepreneurial approach

Necessary Component: Common Definitions

Tennessee's community colleges have a shared and reciprocal definition of what math remediation means

Necessary Component: A "Franchise" Approach

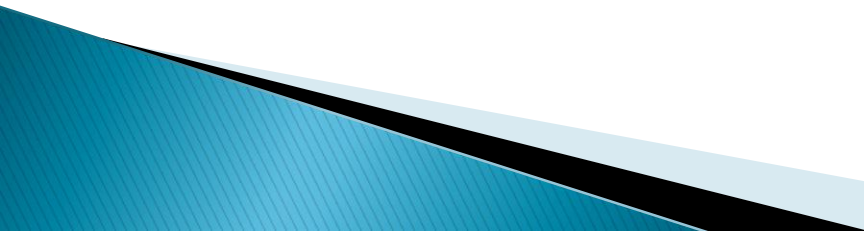
Scaling up a massive early remediation project is already complex; the moving parts of the initiative must be ready to implement with minimal adjustments



Partners in Collaboration

- Governor's Office
 - State Legislature
 - Tennessee Higher Education Commission
 - Board of Regents
 - TN Department of Education
 - Chamber of Commerce
 - Tennessee College Access and Success Network
 - 13 Community Colleges
 - 118 High Schools
- 

Students First, Policies Follow

- ▶ **Invest in Success**
 - State invests in student success
 - ▶ **Create Teamwork**
 - Create Partnership Between K-12 & Higher Education
 - ▶ **Tennessee Legislature**
 - SAILS leadership working with Education Committee to alter dual enrollment funding formula and expand opportunities for SAILS students
 - ▶ **Tennessee Board of Regents**
 - Task Force formed to improve registration and record keeping processes for SAILS students
 - ▶ **Chamber of Commerce**
 - Tennessee Scholars Program recognizes SAILS as eligible math course
- 

The Future of SAILS

»» Timeline

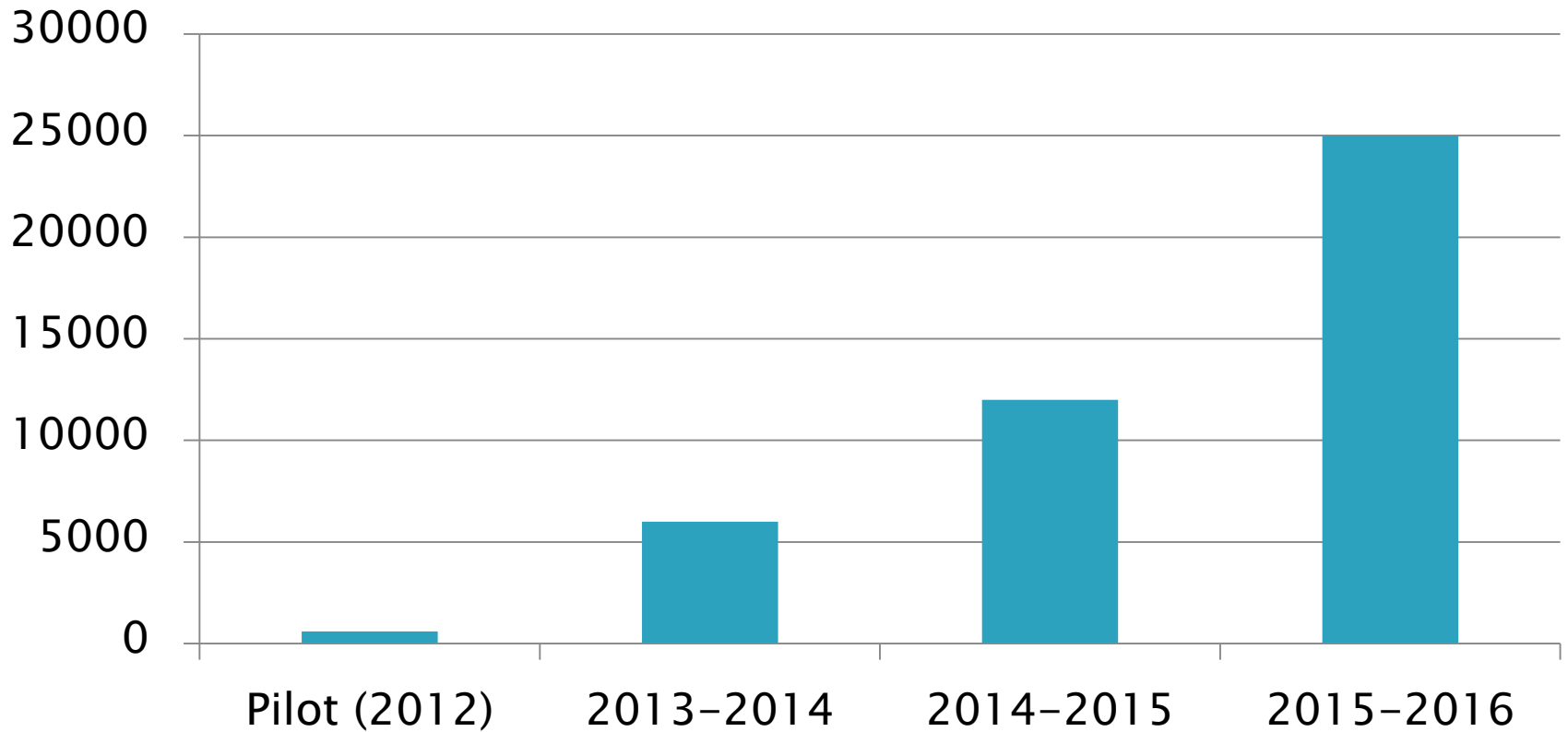
From 6,000 to 25,000 in 3 Years
SAILS Reading and Writing

Impact

Students Ready for College Math
Increased Retention and
Graduation Rates in Tennessee

SAILS Timeline

Students in SAILS Math

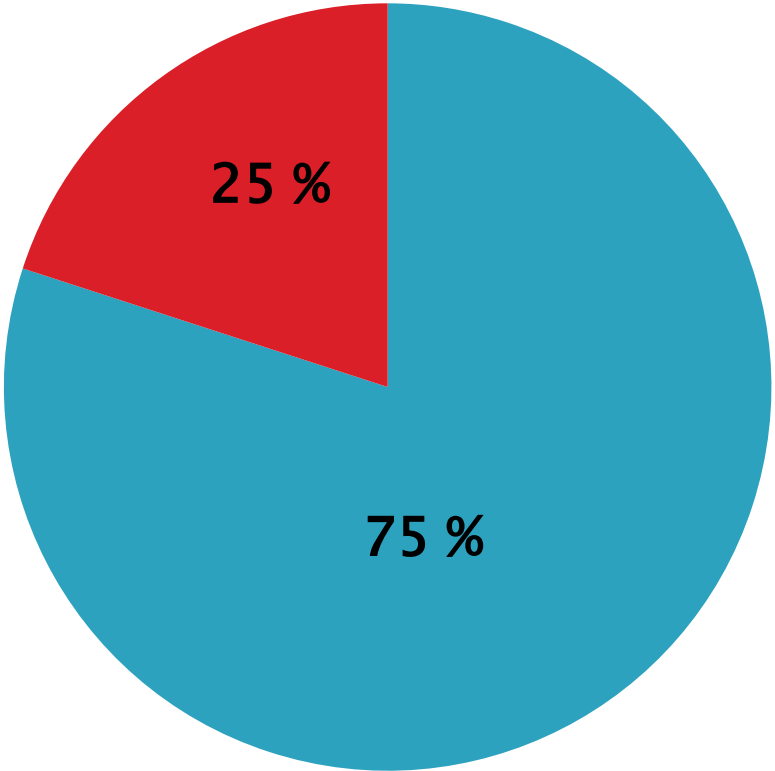


What about Reading and Writing?

- ▶ SAILS Reading and Writing
 - Planning Underway for SAILS Reading and Writing
 - Exploratory Meeting January 2014
 - Pilots in 2014–2015
 - Impact will be 5,000+ students each year

- ▶ SAILS Total Impact
 - SAILS Math, Reading and Writing will impact 30,000 students each year once implemented statewide

SAILS Goal: Students Ready for College Math!



- Students Ready for College Math
- Students Needing Developmental Math

SAILS Goal: Improving Graduation Rates!



75 % ■ Earning a Certificate or Associate's Degree Within 3 Years

25 % ■ No Certificate or Degree Within 3 Years

Questions?

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