

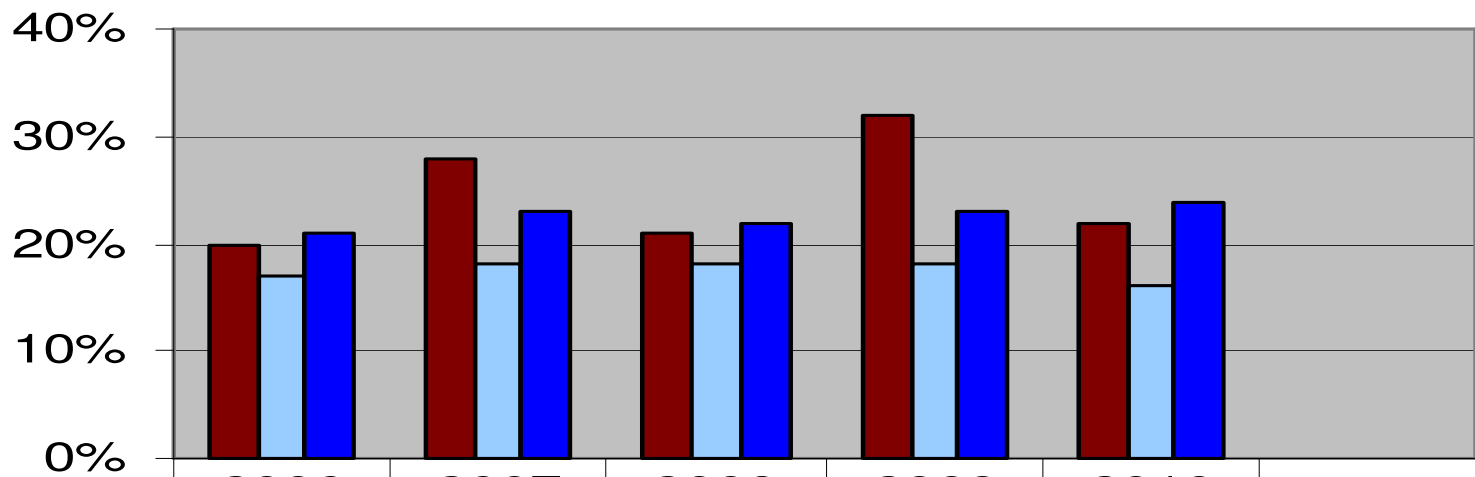
Welcome to ACT Workshop

Tonight's Agenda:
Your student's success on the ACT.

Opening remarks:

- Junior Text-alerts:
 - To: 41-411
 - Keyword: VIKINGJRS
- Upcoming Dates:
 - February 1st: TCAP Writing Assessment
 - February 18th and 21nd: No school
 - February (approx.): Class Registration*
 - March 11th: End of third 9 weeks
 - March 15th: ACT at Tennessee High
 - April 25th thru 29rd: DUI Awareness Week
 - April 30th: Prom (Viking Hall)

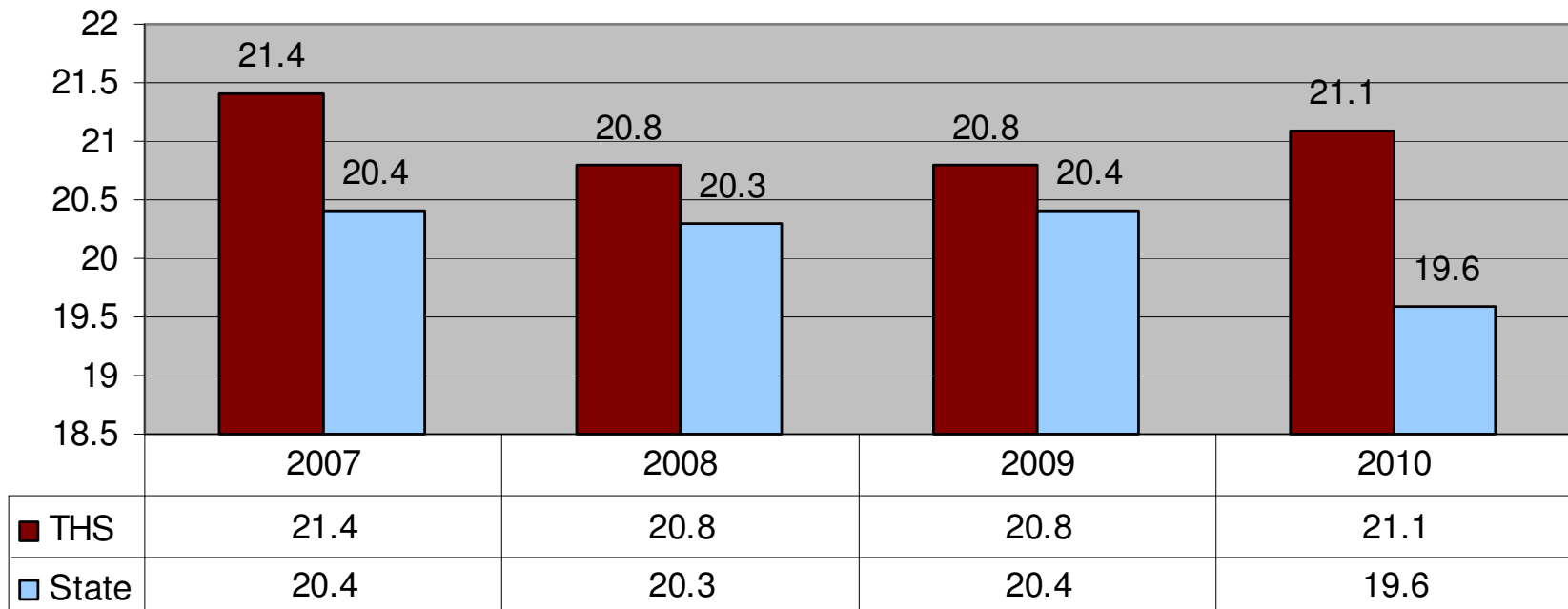
THS students achieving benchmark on all 4 areas of the ACT as compared to the state and national averages.



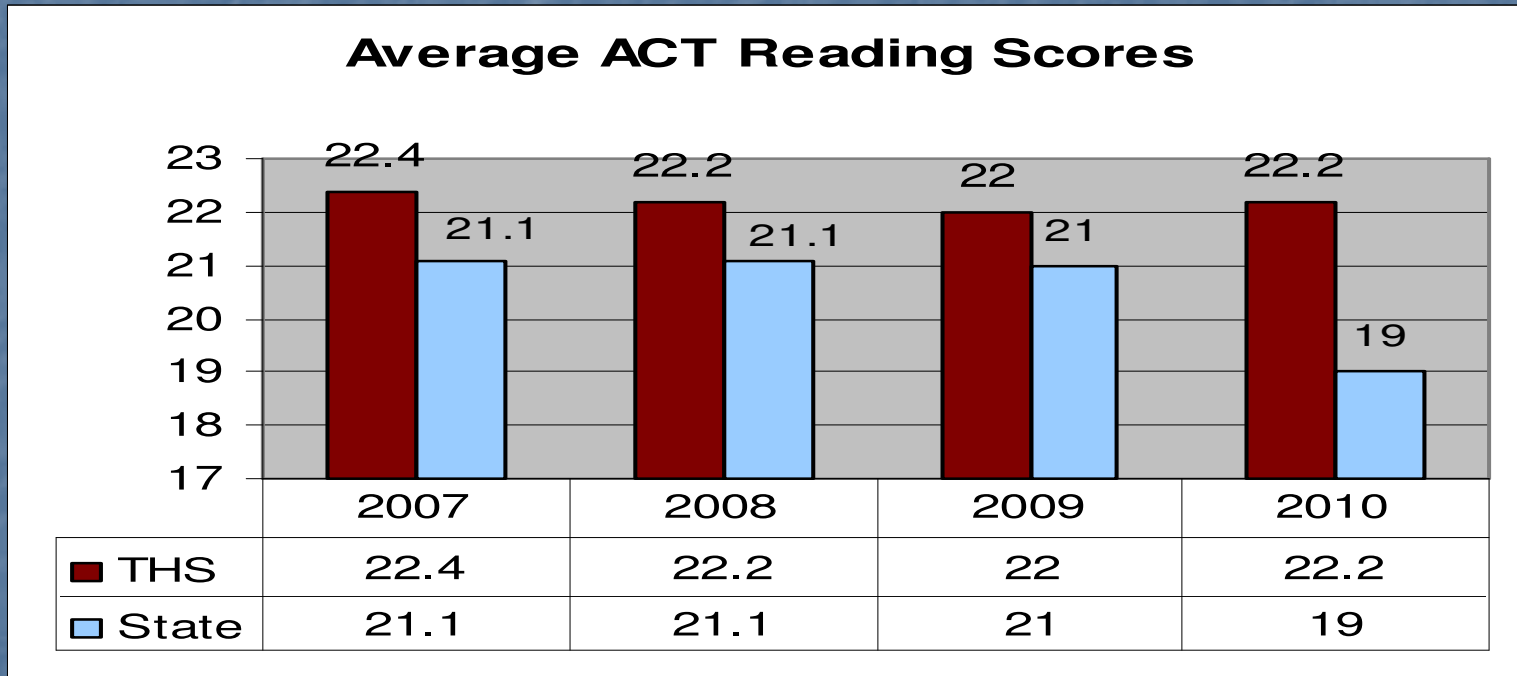
	2006	2007	2008	2009	2010
THS	20%	28%	21%	32%	22%
State	17%	18%	18%	18%	16%
National	21%	23%	22%	23%	24%

ACT Science Scores as compared to state scores.

Average ACT Science Scores



THS ACT Reading Scores as compared to state scores.

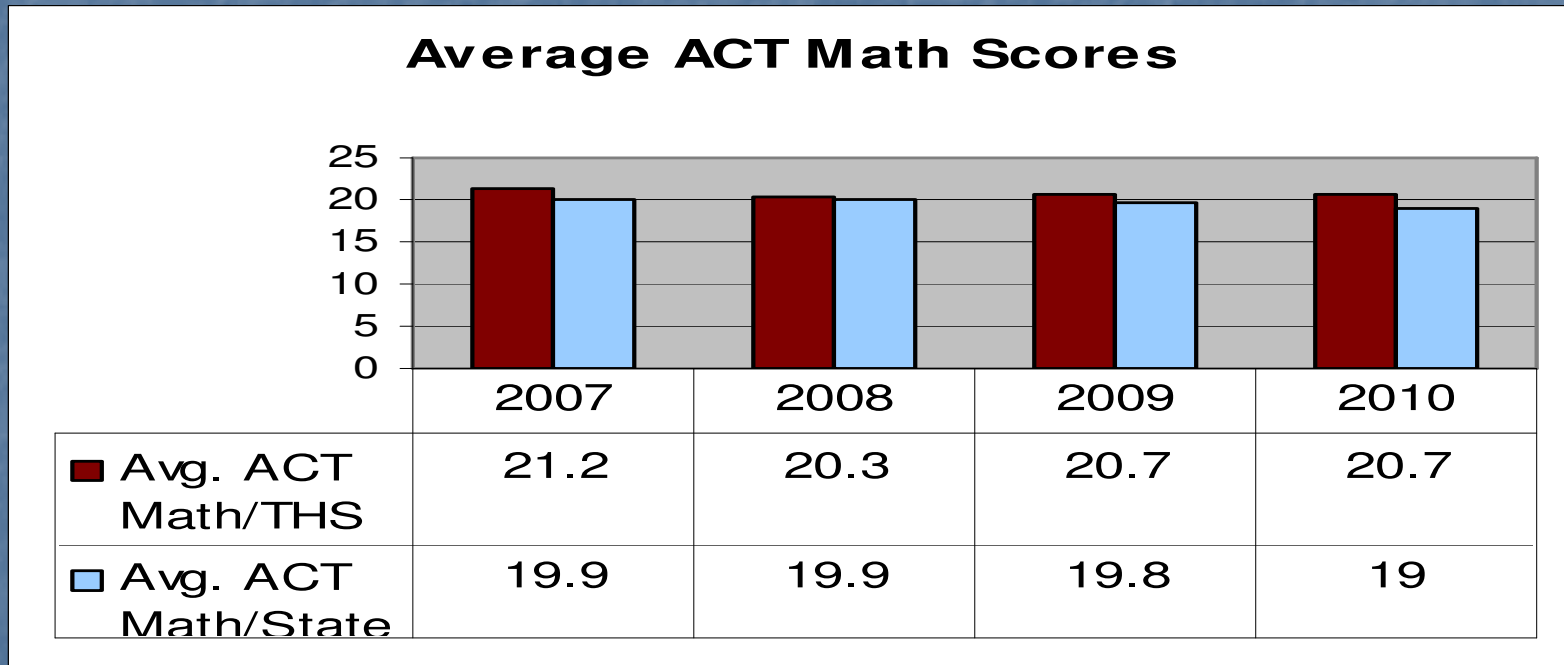


THS ACT English scores as compared to state averages.

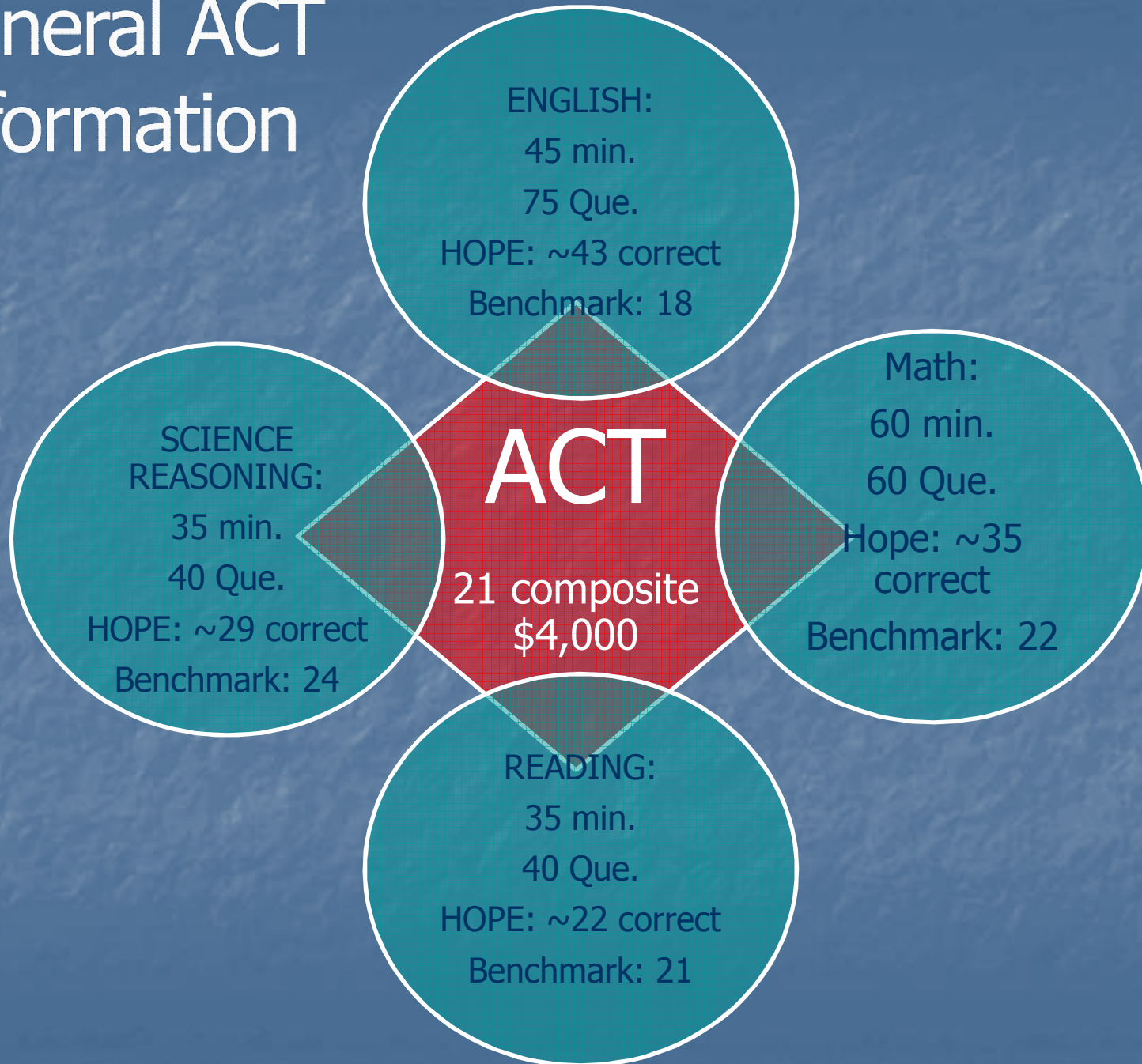
Average ACT English Scores



THS ACT Math scores as compared to state averages.

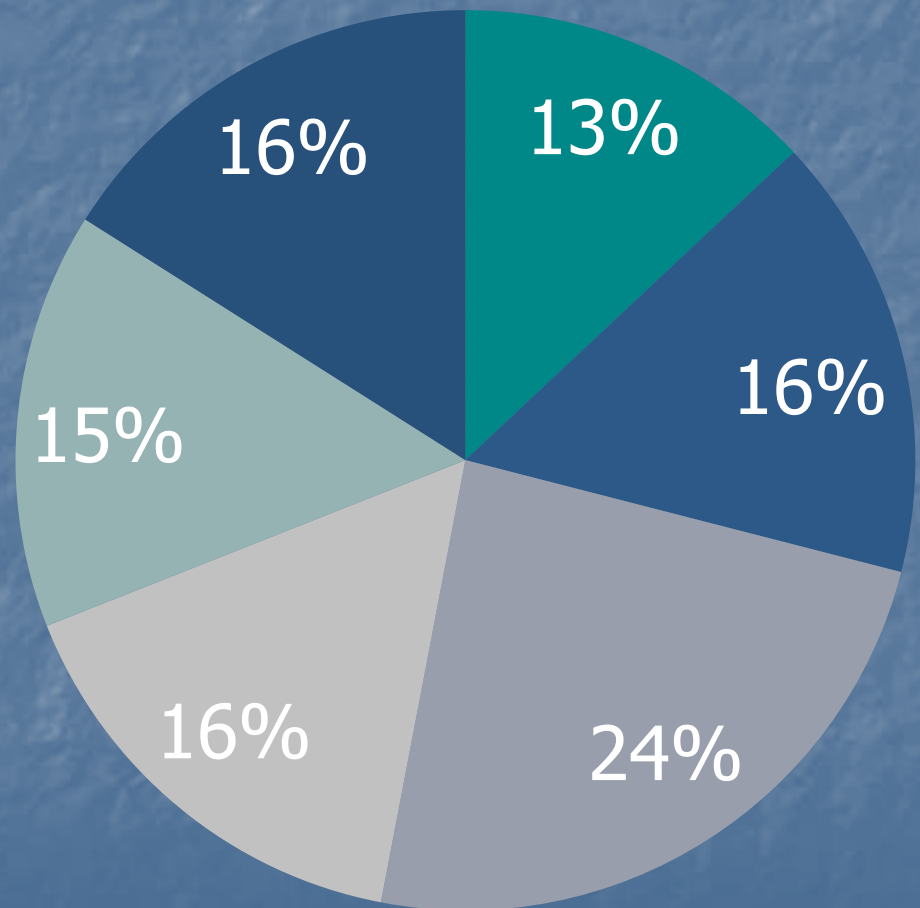
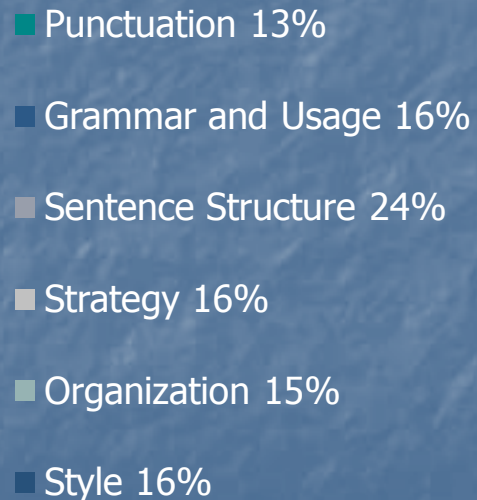


General ACT Information



Content Breakdown: English

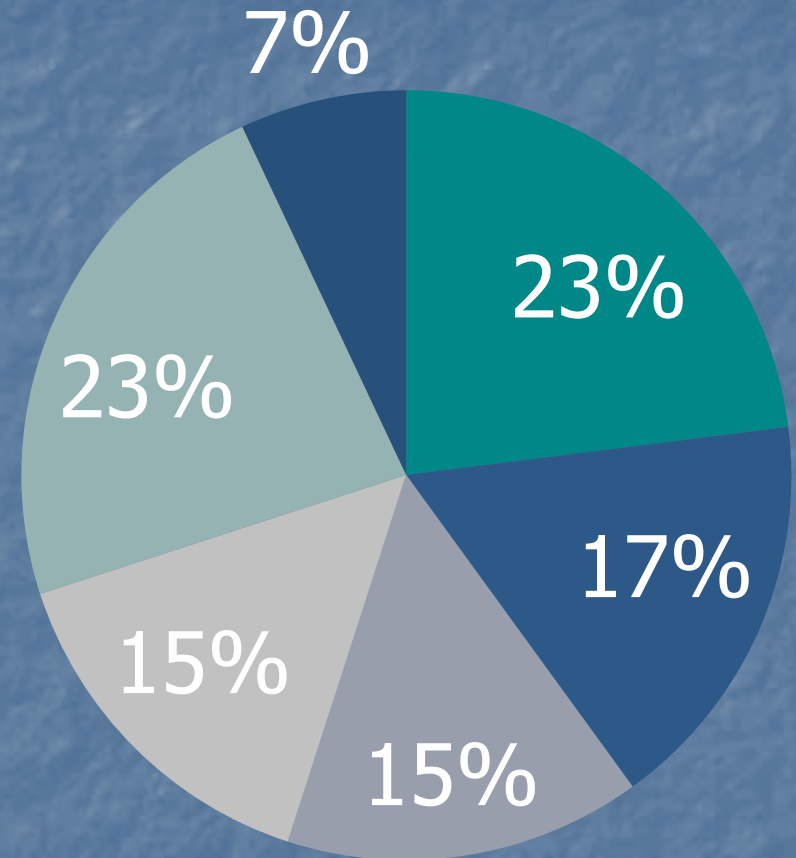
- Two Subscores:
 - Usage Mechanics
 - Rhetorical Skills



Content Breakdown: Math

■ Three Subscores

- Pre-Algebra/
Elementary Algebra
- Intermediate Algebra/
Coordinate
Geometry
- Plane Geometry/
Trigonometry



■ Pre-Algebra 23%

■ Intermediate Algebra 15%

■ Plane Geometry 23%

■ Elementary Algebra 17%

■ Coordinate Geometry 15%

■ Trigonometry 7%

Content Breakdown: Reading

■ Four Subscores:

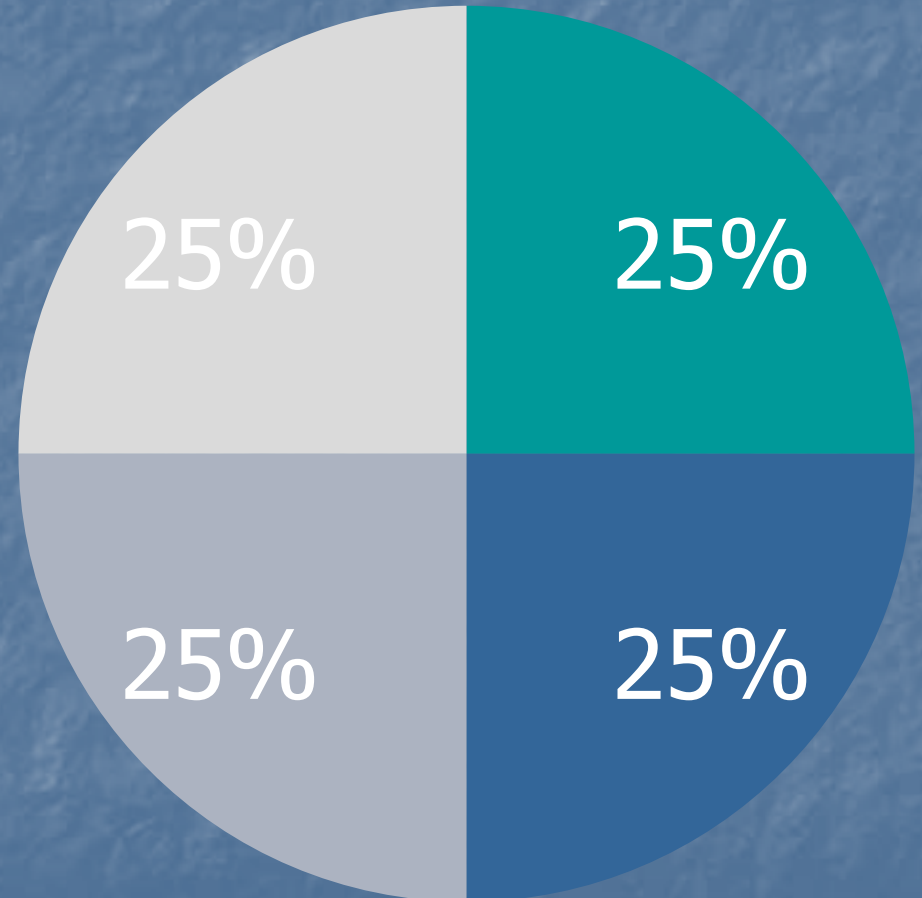
- Social Studies
- Natural Sciences
- Prose Fiction
- Humanities

■ Social Studies 25%

■ Natural Sciences 25%

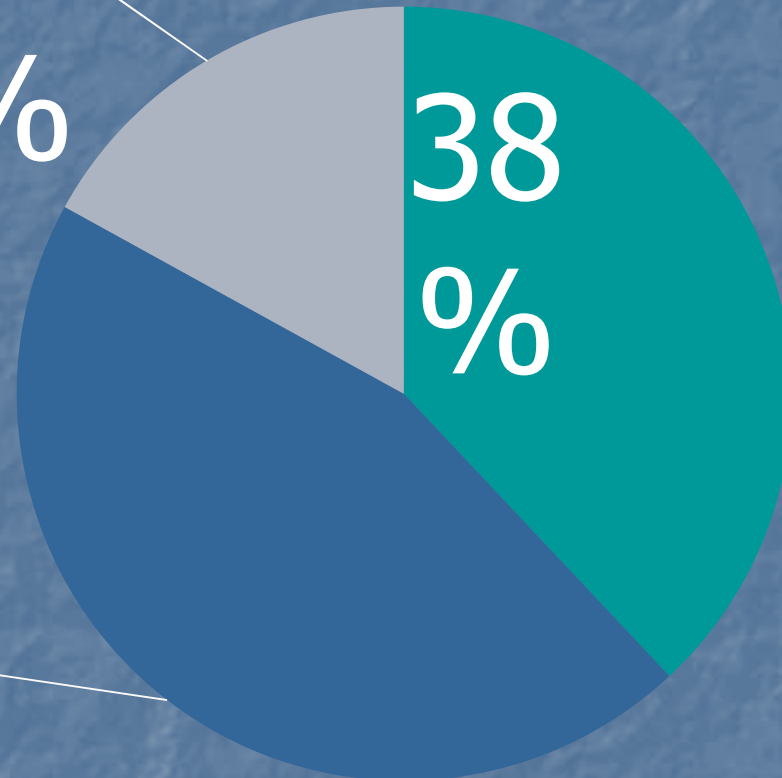
■ Prose Fiction 25%

■ Humanities 25%



Content Breakdown: Science Test

- Three Formats:
 - Data Representation
 - Research Summaries
 - Conflicting Viewpoints



■ Data Representation 38%
■ Research Summaries 45%
■ Conflicting Viewpoints 17%

ACT Intervention Program

- 2009-2010
 - This was the first ACT administration of the entire 11th grade class for the state of TN.
 - ACT test taking tips were shared in a junior meeting and students signed up for ACT review sessions facilitated by volunteer teachers during the week prior to the ACT date.
 - This was helpful, but we wanted to do more.

2010-2011

- In November, THS Core Curriculum Coaches were given the opportunity to present to a committee chaired by Dr. Lilly requesting Race To The Top (RTTT) funds for innovative programs.
- The Core Curriculum Coaches spent many hours analyzing data, researching programs, and interviewing teachers at high performing schools, to create our new ACT Intervention Program.

ACT Intervention Proposal

1. Create an ACT Intervention Program
2. Purchase a content server
3. Purchase and implement ACT QualityCore program
4. Implement scheduling documents to increase rigor in course selection
5. Offer ACT Intervention Course at THS

Create an ACT Intervention Program designed to target students who might receive the best benefit from tutoring and/or other interventions.

- Benefits students in that a composite score of 21 will make students eligible for the HOPE Scholarship
- ACT study sessions (tutoring) will provide direct instruction/remediation in the subject area they would like to improve. Long-term prep rather than short-term cram sessions prove to be most effective in preparation for standardized tests

Components

- 36 THS faculty will attend the ACT Instructional Support Workshop on January 25, 2011 and will provide tutoring January-April 2011
- Tutoring sessions are being offered four days a week from 2:45-4:00 and at other times to accommodate students' schedules (evening and weekend dates may be available)
- Transportation for after school tutoring will be provided if needed
- All students and teachers participating in ACT tutoring will receive *The Official ACT Study Guide* containing practice tests and explanations of answers
- Students were pre-tested in each subject area they are receiving tutoring to determine their individual need as well as help assess effectiveness of the tutoring

Purchase a content server for the Tennessee High School Media Room

- The presentation and recording of an entire ACT prep course that would include teacher lectures, video tutorials, and test taking tips from other sources as well
 - Available 24 hours a day, seven days a week
 - Web based
 - Ability to assist with completion of the FASFA

Purchase and Implement QualityCore



- *QualityCore Reports provide local, state, and national comparisons of students' performance within each course, as well as evaluate students' progress toward college readiness unique to each course.*
- *EOC test data can be compared year to year in courses also using QualityCore. Since EOC tests are similar in format and content to the ACT, increased rigor in those courses should translate to increased achievement in EOC tests as well.*

Offer ACT Intervention Course for Fall of 2011

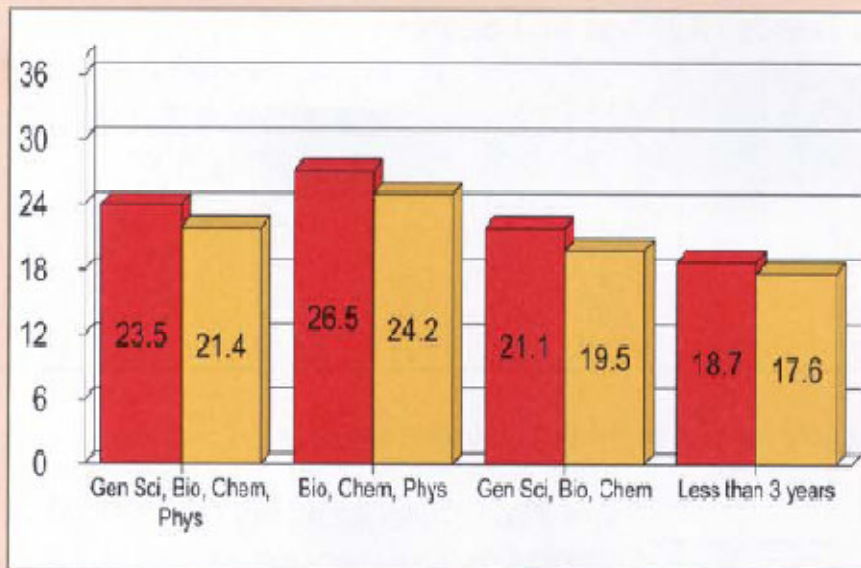
- Use data from PLAN test taken by sophomores in Fall of 2010 to select students
- Use ACT data to choose peer tutors for the class
- Use students with King College classes on “off days” from dual credit classes as peer tutors
- Use flexible scheduling to allow students to attend tutoring during 2nd period.
- Analyze data from PLAN to make scheduling recommendations prior to registration

Develop and Implement Course Scheduling documents to require rigorous course scheduling based on data for THS students

- Research indicates that rigorous coursework in high school raises ACT scores and prepares students for success in college
- Course sequencing documents will allow for a rigorous course selection process
 - Parents may choose to “opt out” of recommendations by meeting with counselors and administration and signing a waiver
 - Students may choose to “level up” and take more challenging courses

ACT Science performance by course sequence

Figure 3. Average ACT Science Scores by Course Sequence



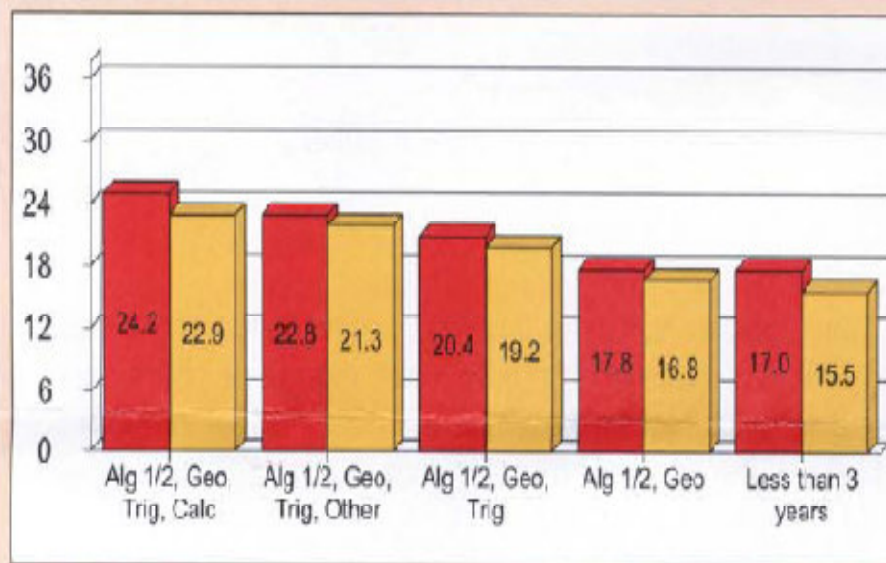
Value Added by Science Courses

Students taking Biology and Chemistry in combination with Physics typically achieve higher ACT Science scores than students taking less than three years of science courses.

■ Your School
■ State

ACT Math performance by course sequence

Figure 2. Average ACT Mathematics Scores by Course Sequence



Value Added by Mathematics Courses

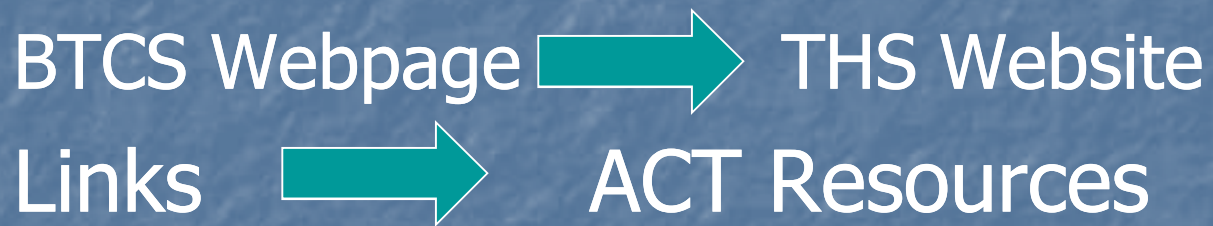
Students who take a minimum of Algebra 1, Algebra 2, and Geometry typically achieve higher ACT Mathematics scores than students who take less than three years of mathematics. In addition, students who take more advanced mathematics courses substantially increase their ACT Mathematics score.

■ Your School
■ State

Results of the RTTT Funding Requests

- In a combination of Race to the Top funds and I3 Grant money, we were awarded over \$50,000 to implement the ACT Intervention Program.

ACT Resources







Thank you!

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