

“Every Child, Every Day”

Raising Achievement in **ALL** Students with
Rigor, Relevance, and Relationships

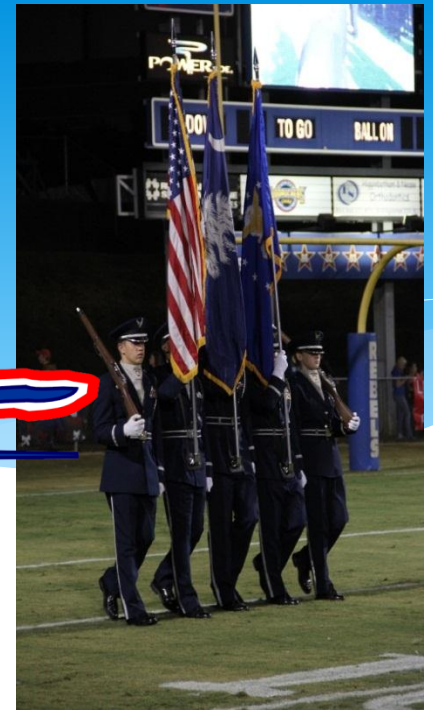
Spartanburg School District Five

James F. Byrnes High School

2013-2014



School Profile



- * 1,675 current enrollment
- * 97 teachers, 5 administrators, 4 counselors
- * 30% gifted and talented
- * 11% disabled
- * 44% subsidized meals

Rigor

- * Curriculum prescriptive to chosen career paths and matched to student capabilities
- * Common Core State Standards
- * Research-based Instructional Strategies
- * High Level Common Assessments

Rigor Supported

- * Students with Disabilities
 - * RATE
 - * Study Skills
- * Strategies Support Classes
- * Providing Extra Help, Extra Time
- * AVENTA
- * Using Technology to Engage and Excite Students

RATE:

Rebels Achieving Through Effort

- * Alternative to high school diploma
- * Developed as a collaborative effort to create Spartanburg County Occupational Credential
- * Revised during 2012-2013 school year
- * Currently requires:
 - * success in 24 units (English, math, Life Skills, Career Prep)
 - * portfolio/performance assessment and exit meeting
 - * 450 total hours of documented work experience (350 paid hrs)
 - * post-secondary transition plan to include work goals, training goals, and enrollment with agency (i.e. VR)

RATE:

Rebels Achieving Through Effort



seasonal greenhouse sale

weekly recycling project



RATE:

Rebels Achieving Through Effort

	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013
# of students earning RATE credential	7	5	8	7	9
# of students earning Certificate of Attendance	6	13	8	5	3

Study Skills Classes

- * Support for students receiving high school diploma
- * Leveled-structure based on Individualized Education Plan (IEP) goals and academic needs of student
- * Current structure:
 - * **Study Skills 2**--skill building, test preparation with focus on Exit Exam (HSAP)
 - * **Study Skills 3**--continued skill building, intensive prescribed test preparation with focus on particular area of Exit Exam (HSAP)
 - * **Study Skills 4**--maintained skill building, career exploration including test preparation for ASSET/COMPASS or ASVAB

Strategies Support Classes

- * Support for students receiving high school diploma
- * Leveled-structure based on academic needs of student
- * Extends instruction in English and/or math for the entire school year
- * Current structure:
 - * **Strategies 1**--teacher recommendation from Byrnes Freshman Academy (Below Basic on PASS 8th grade and low percentile MAP 9th grade)
 - * **Strategies 2**--remediation as a result of performance on Exit Exam (HSAP)

Extra Time, Extra Help

- * **Rebel Success Center**

- * Led by our teachers and peer tutors
- * Held Monday and Wednesday, after-school 3:45-5:00 PM
- * Tutoring, basic skills practice, project/paper assistance

- * **Saturday Recapture**

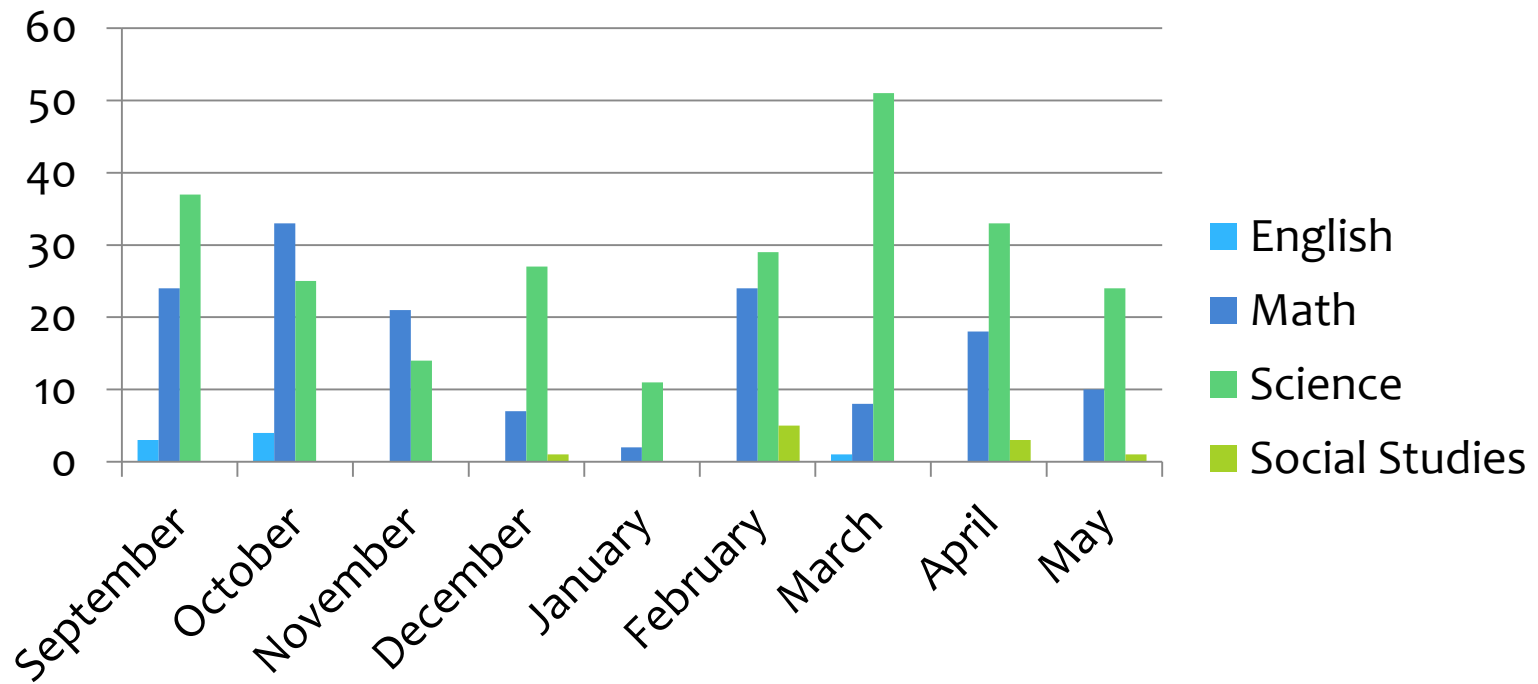
- * Led by our teachers
- * Held four times per semester on Saturdays
- * Prescriptive computer-based instruction

- * **Small-Group Test Prep Sessions**

- * Led by our teachers and area experts
- * Held during school, after school and on Saturdays
- * Sessions for SC End of Course Exams, SC HSAP, SAT/ACT

Rebel Success Center

Student Attendance in RSC during 2012-2013



Saturday Recapture

2012-2013

- * 320 students attended sessions
- * 1609 days were recaptured

2013-2014

- * 48 students attended sessions to date
- * 159 days have been recaptured so far

AVENTA

- * Online curriculum with initial credit, credit recovery, and content recovery options
- * Student-paced with access anytime, anywhere
- * Aligned to state standards and “taught” by certified staff members
- * Student progress monitored by Academic Coach

AVENTA

2012-2013

- * Fall: 51 courses completed
- * Spring: 76 courses completed

Summer School 2013

- * Summer: 33 courses completed

2013-2014

- * Fall: 33 courses completed to date with 85 students currently enrolled

Using Technology

STUDENTS

- * **BYOD** (**Socrative**, movie maker, etc.)
- * iPad cart, Mac lab, department computer labs
- * **AVENTA** for credit recovery, content recovery, and initial credit
- * **Study Island** for skills practice and test prep
- * **USA Testprep** for skills practice and test prep
- * **Kurzweil** assistive technology



Using Technology

TEACHERS

- * **Remind 101** for communication
- * **Edmodo** and **Schoology** for virtual collaboration
- * **Score21** for building assessments



On-Time Graduation

Four-Year Cohort Graduation Rate

	2009	2010	2011	2012	2013
# students earning diploma	463	422	467	450	457
# in class	577	554	596	550	560
%	80.2%	76.2%	78.4%	81.8%	81.6%



Relevance

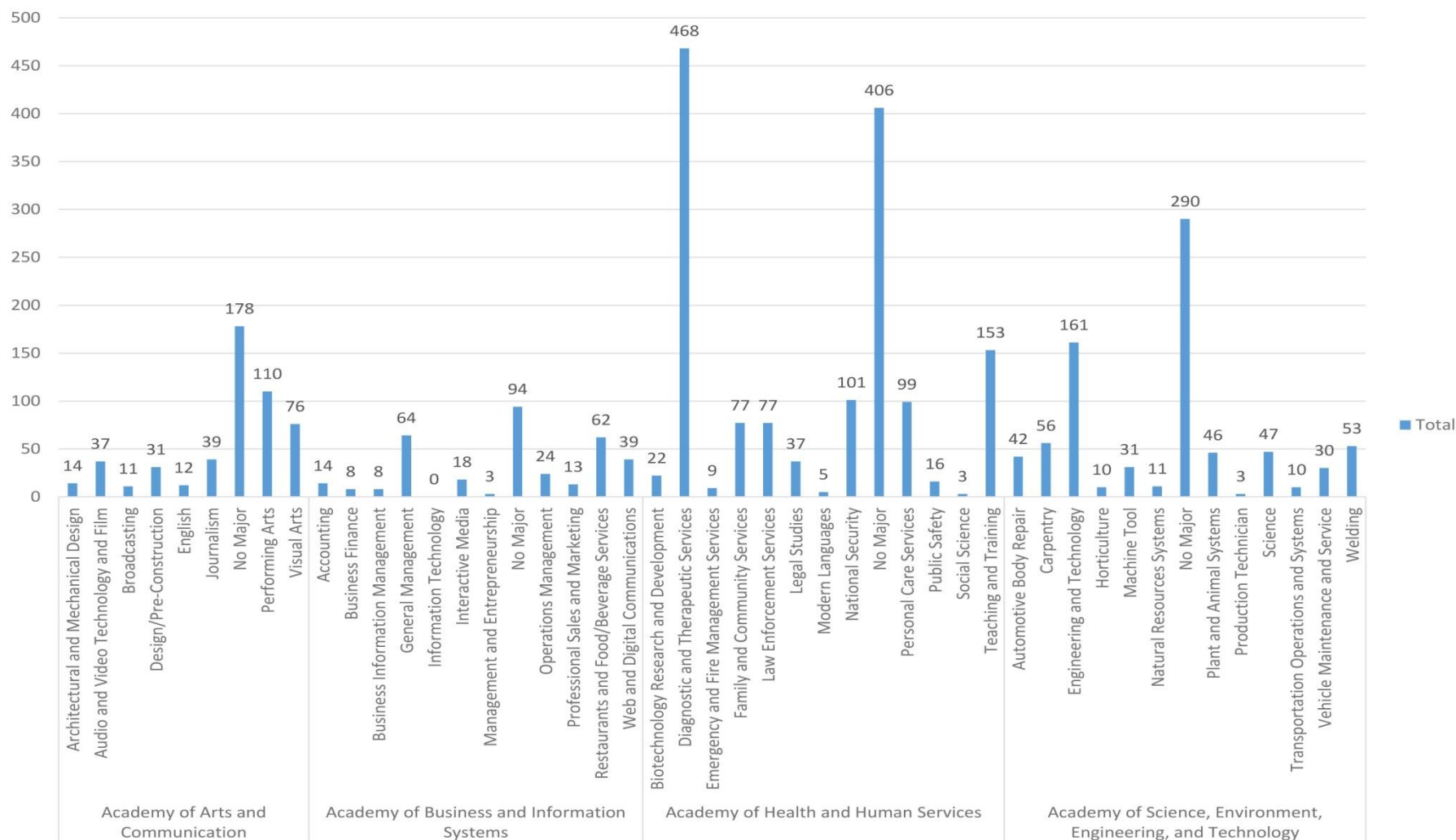
- * Post-Secondary Pathways
 - * PLTW: Biomedical Science
 - * College-Ready
 - * Advanced Placement (AP)
 - * Dual Enrollment
- * Workplace-Ready
 - * R D Anderson Applied Technology Center

Post-Secondary Pathways

- * Emphasizing Individualized Graduation Plans (I G P) sessions with Guidance Counselor
- * Involving all stakeholders in I G P including parent/guardians (68% attended meetings) and teachers
- * Scheduling and expanding curriculum choices based on I G P data (i.e. PLTW and Health Science)

Spartanburg Five Career Clusters

District Five Career Cluster Majors



Project Lead the Way: Biomedical Science Program

- * PLTW Biomedical Sciences (BMS) Program is a sequence of 4 courses:
 - * Principles of the Biomedical Science (*currently offered, 75 students enrolled*)
 - * Human Body Systems (*to be added in 2014-2015*)
 - * Medical Interventions (*to be added in 2015-2016*)
 - * Biomedical Innovation (*to be added in 2016-2017*)
- * aligned to appropriate national learning standards
- * hands-on, real-world problem-solving approach to learning

Project Lead the Way: Biomedical Science Program

fictional death of 38 year old “Anna Garcia”

Students explore the concepts of human medicine and are introduced to topics such as **physiology, genetics, microbiology and public health**. Through activities, like dissecting a heart, students examine the processes, structures and interactions of the human body – often playing the role of biomedical professionals.

They also explore the **prevention, diagnosis and treatment of disease**, working collaboratively to **investigate and design innovative solutions to the health challenges of the 21st century** such as fighting cancer with nanotechnology.

Steps to College Ready

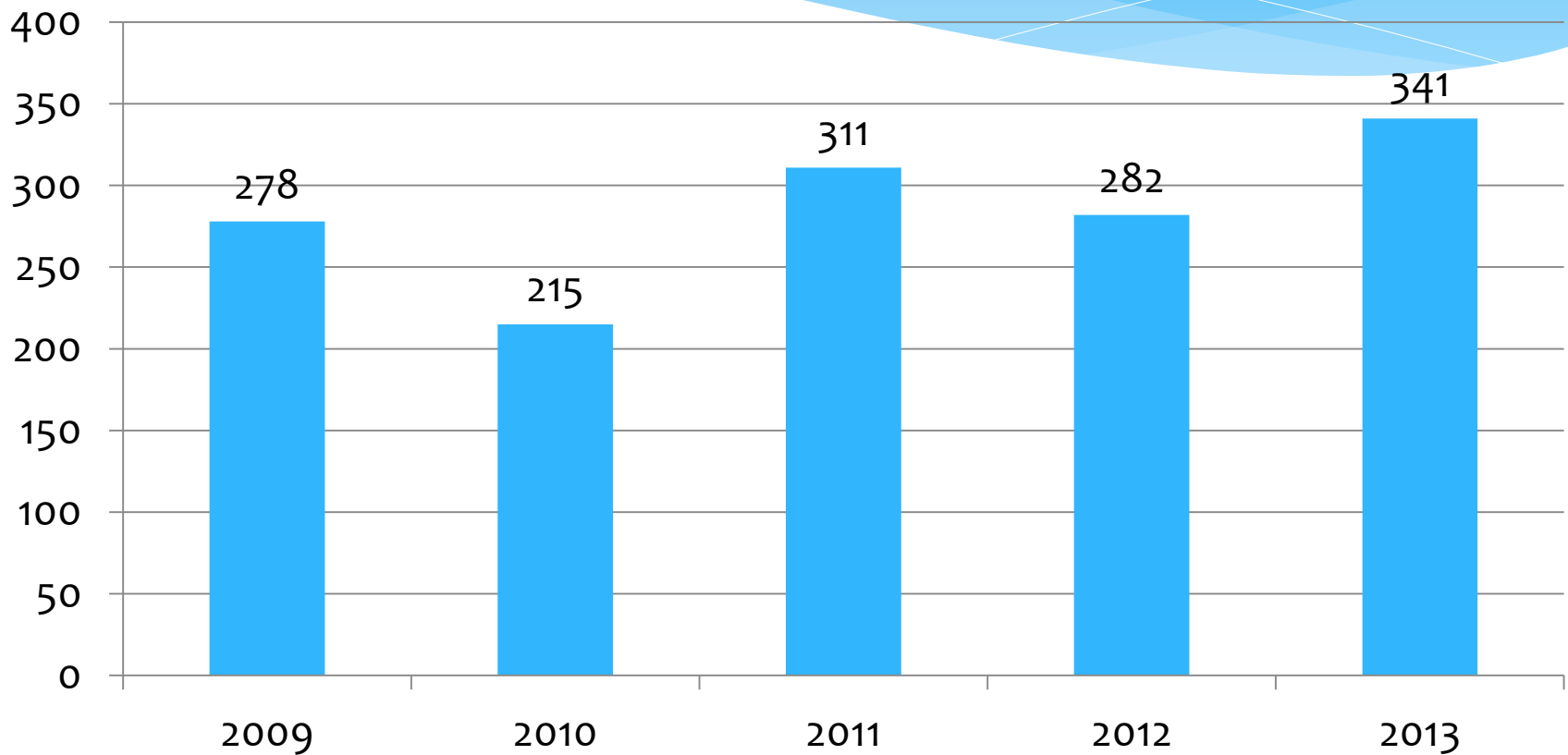
- * English and math Carnegie units in middle grades
- * Modern Language exploration in middle grades
- * College Application Day (held in October)
- * Honors and AP courses
- * Dual Enrollment courses

Advanced Placement (AP) Course Offerings

- * English Language
- * English Literature
- * Calculus AB/BC
- * Statistics
- * Biology
- * Chemistry
- * Physics
- * Environmental Science
- * Spanish Language
- * US History
- * US Government
- * Macroeconomics
- * World History
- * Human Geography
(*moved to BFA in 2013-14*)
- * Psychology
- * Studio Art 2-D, Drawing

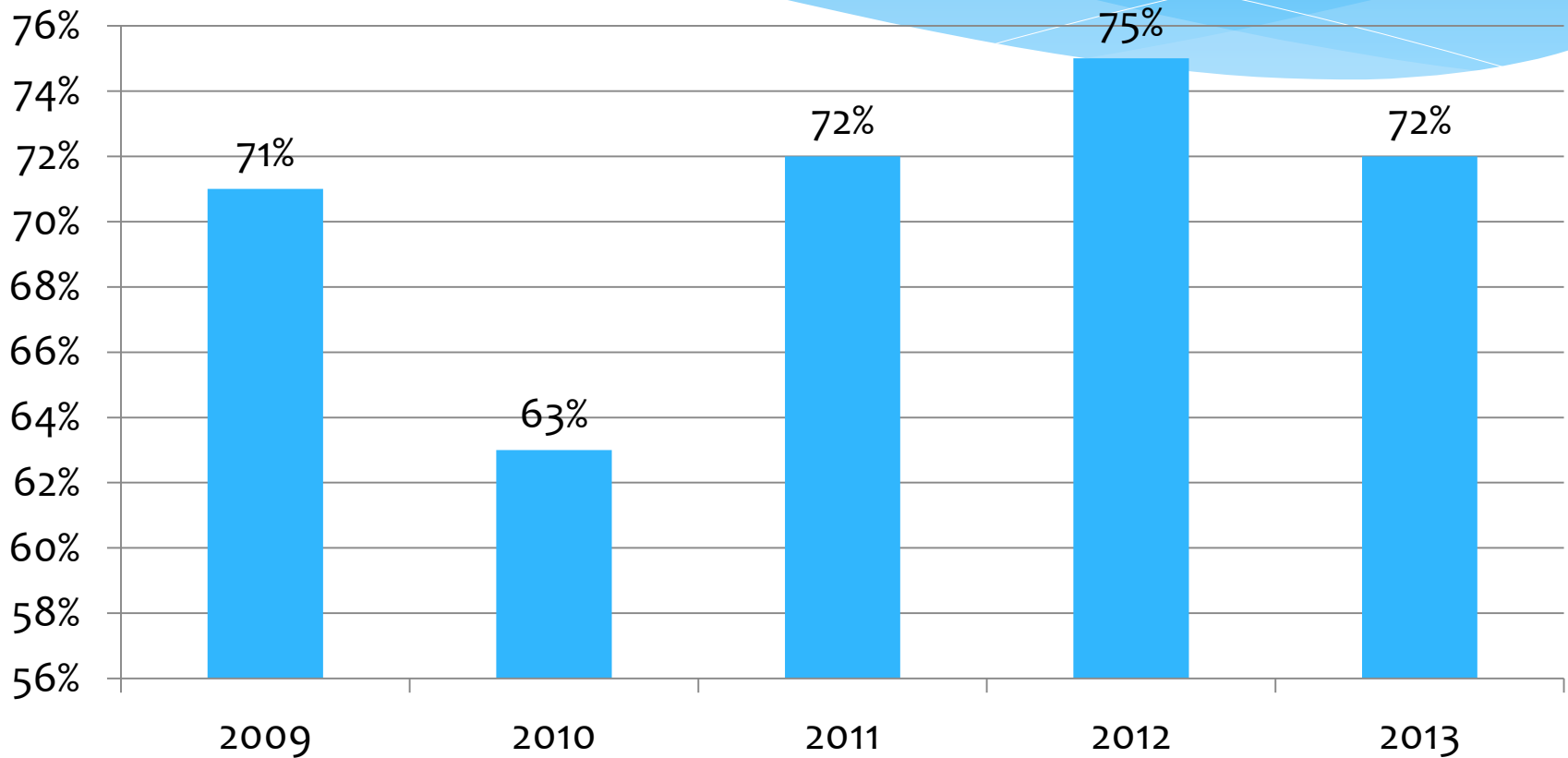
Advanced Placement Growth in Course Enrollment

Number of Tests Administered



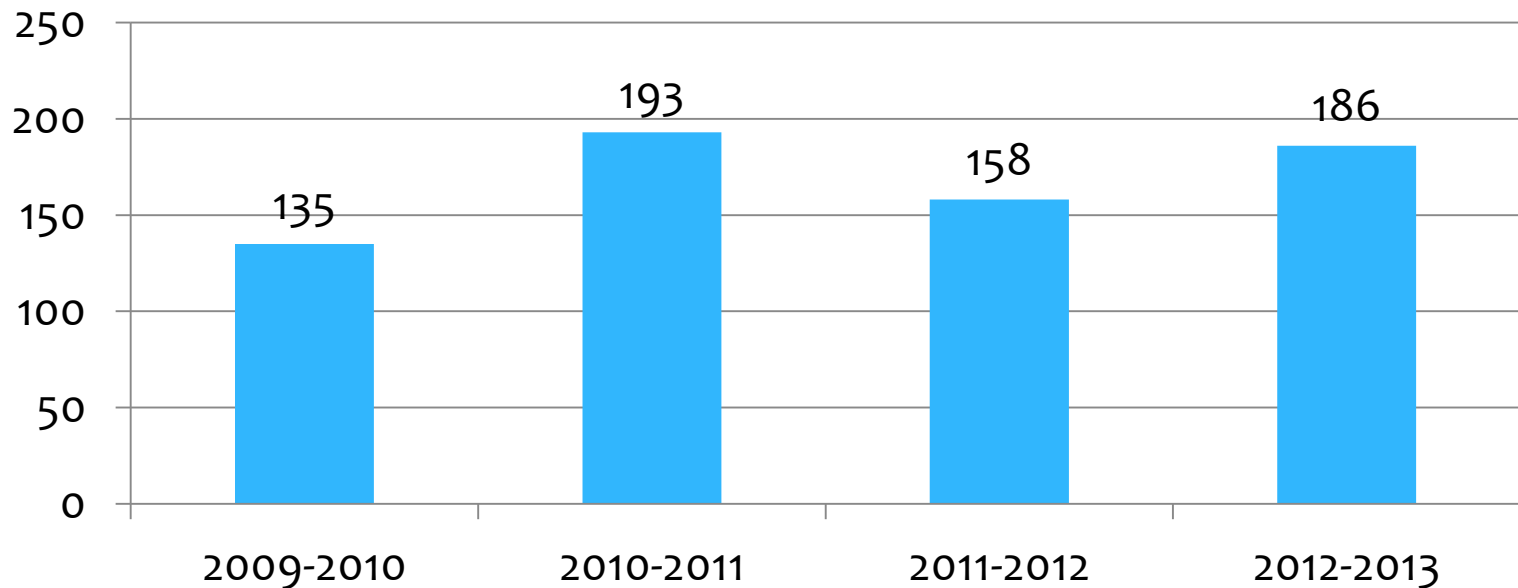
Advanced Placement Student Success

% of students, who scored 3 or higher



Dual Enrollment Student Success

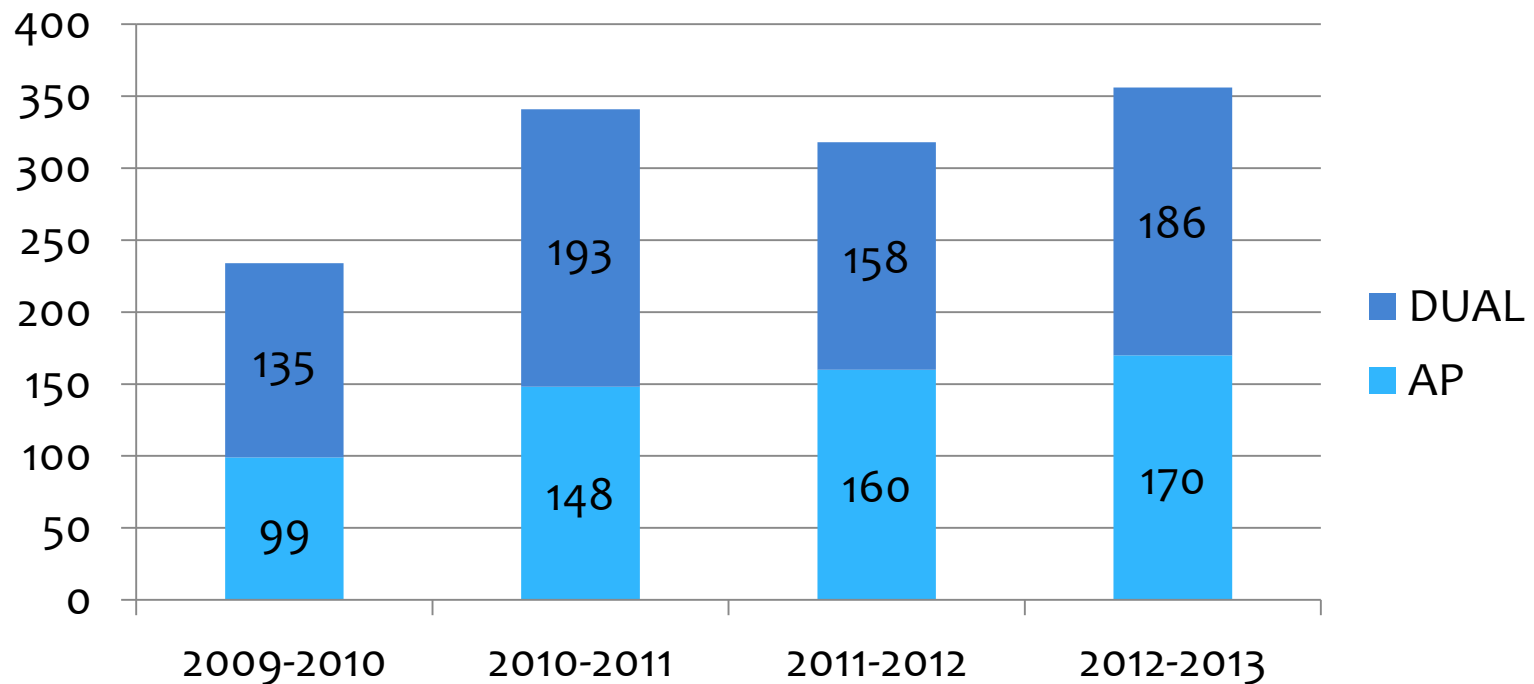
Students Earning Dual Credit



Dual Enrollment + AP

Total Students Earning College Credit

Total Number of Students Earning College Credits



Dual Enrollment + AP Total College Credits

2012-2013

403 Dual Enrollment college credits earned
226 AP college credits earned

629 TOTAL college credits earned

Dual Enrollment and Early College: Current Offerings



- * **Spartanburg Community College-Tyger River Campus**
- * **University of South Carolina Upstate**
 - * Scholars Academy
- * **Byrnes High School campus**
 - * English 101 and English 102 (through SCC)
 - * Teacher Cadets (through USC Upstate)
- * **R D Anderson Applied Technology Center campus**
 - * Health Science I, Medical Terminology, Nursing Assisting, Automotive Technology, Machine Tool Technology, Automotive Collision Repair, Carpentry

Dual Enrollment and Early College: Future Offerings

- * **Spartanburg Community College-Tyger River Campus**

- * additional offerings

- University of South Carolina-Upstate**

- * 8am and 2pm course offerings
- * continued Scholars Academy
- * future Senior semester co-hort

- * **Byrnes High School campus**

- * English 101, English 102, Math 110, Math 120, Biology 101 (through SCC)
- * Teacher Cadets (through USC Upstate)

- * **R D Anderson Applied Technology Center campus**

- * Health Science I, Medical Terminology, Nursing Assisting, Automotive Technology, Machine Tool Technology, Automotive Collision Repair, Carpentry

SCC-TRC Course Offerings

2014-2015

TIME/DAY	MONDAY/WEDNESDAY	TUESDAY/THURSDAY
8:00 – 9:20 A.M.	English Composition I (ENGL 101)	English Composition I (ENGL 101)
8:00 – 9:20 A.M.	General Psychology (PSY 201)	Medical Vocab/Anatomy (AHS 104)
8:00 – 9:20 A.M.	Medical Terminology (AHS 102)	Probability and Statistics (MAT 120)
2:00 – 3:20 P.M.	Introduction to Computers (CPT 101)	Introduction to Sociology (SOC 101)
2:00 – 3:20 P.M.	Music Appreciation (MUS 105)	Public Speaking (SPC 205)

TIME/DAY	MONDAY/WEDNESDAY	TUESDAY/THURSDAY
8:00 – 9:20 A.M.	English Composition I (ENGL 101)	College Algebra (MAT 110)
8:00 – 9:20 A.M.	Medical Terminology (AHS 102)	Medical Terminology (AHS 102)
8:00 – 9:20 A.M.	Macroeconomics (ECO 210)	Western Civilization Post 1689 (HIS 102)
2:00 – 3:20 P.M.	General Psychology (PSY 201)	Introduction to Computers (CPT 101)
2:00 – 3:20 P.M.	Public Speaking (SPC 205)	Art History and Appreciation (ART 101)

SCC-TRC Information



Estimated Tuition Costs for Spartanburg Community College: TOTAL, In-County Tuition and Fees for 6.0 credit hours, with Lottery Tuition Assistance

\$390.00

(\$65.00 per credit hour) *plus, the cost of all required textbooks*

Information Session: January 23 (Thur) at 6pm
BHS cafeteria

USC Upstate Course Offerings

2014-2015

TIME/DAY	MONDAY/WEDNESDAY/FRIDAY	TIME/DAY	TUESDAY/THURSDAY
8:00 – 8:50 A.M.	English Composition I (ENGL 101)	8:00 – 9:15 A.M.	Introduction to Psychology (PSY 101)
8:00 – 8:50 A.M.	Introduction to Computer Technology (CSCI 138)	8:00 – 9:15 A.M.	Introduction to World History II (HIS 102)
8:00 – 8:50 A.M.	History of Rock Music (MUSC 140)	8:00 – 9:15 A.M.	Elementary Statistics (MAT 102)
	MONDAY/WEDNESDAY		TUESDAY/THURSDAY
2:00 – 3:15 P.M.	Introduction to Psychology (PSY 101)	2:00 – 3:15 P.M.	English Composition I (ENGL 101)
2:00 – 3:15 P.M.	Introduction to World History II (HIS 102)	2:00 – 3:15 P.M.	Introduction to Computer Technology (CSCI 138)
2:00 – 3:15 P.M.	Elementary Statistics (MAT 102)	2:00 – 3:15 P.M.	History of Rock Music (MUSC 140)

TIME/DAY	MONDAY/WEDNESDAY/FRIDAY	TIME/DAY	TUESDAY/THURSDAY
8:00 – 8:50 A.M.	English Composition II (ENGL 102)	8:00 – 9:15 A.M.	Introduction to Psychology (PSY 101)
8:00 – 8:50 A.M.	Introduction to Computer Technology (CSCI 138)	8:00 – 9:15 A.M.	Introduction to World History II (HIS 102)
8:00 – 8:50 A.M.	History of Rock Music (MUSC 140)	8:00 – 9:15 A.M.	College Algebra (MAT 121)
	MONDAY/WEDNESDAY		TUESDAY/THURSDAY
2:00 – 3:15 P.M.	Introduction to Psychology (PSY 101)	2:00 – 3:15 P.M.	English Composition II (ENGL 102)
2:00 – 3:15 P.M.	Introduction to World History II (HIS 102)	2:00 – 3:15 P.M.	Introduction to Computer Technology (CSCI 138)
2:00 – 3:15 P.M.	College Algebra (MAT 121)	2:00 – 3:15 P.M.	History of Rock Music (MUSC 140)

USC Upstate Information



Estimated Tuition Costs for USC Upstate: TOTAL, In-County Tuition and Fees for 6.0 credit hours

\$396.00

(\$66.00 per credit hour) *plus, the cost of all required textbooks*

Information Session: January 30 (Thur) at 6:30pm
BHS cafeteria

Steps to Workplace Ready

- * Project-Based Learning
- * Service Learning, Shadowing, Internships
- * R D Anderson Applied Technology Center



R. D. Anderson Applied Technology Center

Recent Increase in Enrollment

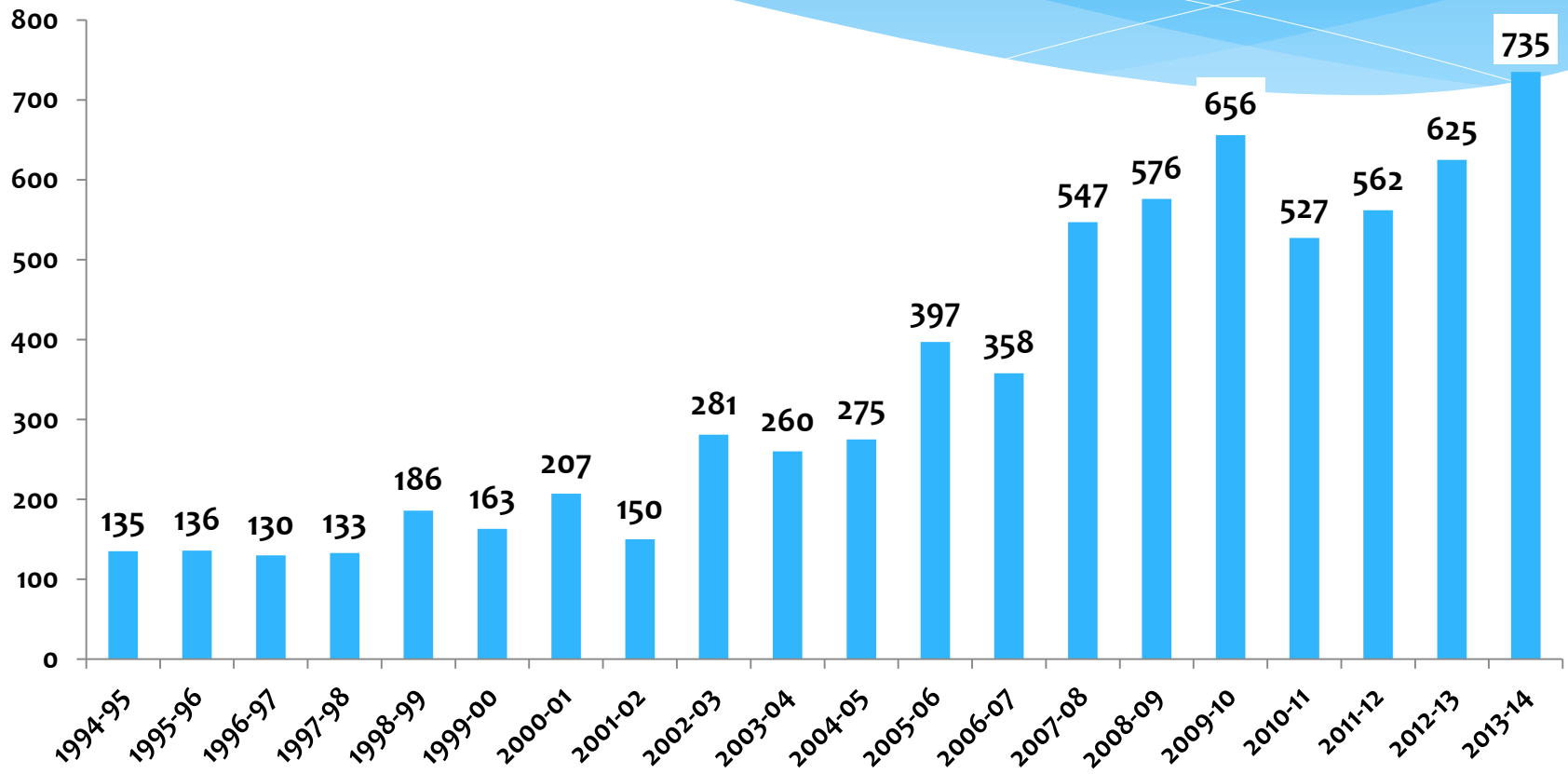
- * 735 students will attend RDA this year (Largest number ever!)
- * 44% of the students from BHS choose to take electives at RDA

Future Growth

- * 25,000 square feet
- * New courses for 2014-2015: Outdoor Recreation, Baking & Pastry, Health Science 3

Snapshot of BHS growth at RDA

Byrnes High School enrolled at R D A



Relationships

- * REBS
- * At-Risk Students
- * Community Service



Building Relationships: REBS

- * REBS--Rebel Educators Building Relationships with Students
- * advisor/advisee program
- * small group size (18-20 students)
- * stays consistent all three years
- * meets regularly
- * teacher-created curriculum with character education component and Olweus
- * use regular evaluation to change and improve

REBS Goals

- (1) To provide a positive relationship between a small group of students AND a caring adult.
- (2) To create a process that enables students to gain knowledge needed to make informed academic and career prep decisions.
- (3) To provide an ongoing assessment of student strengths, weaknesses, career and academic objectives, along with short and long term goal setting.
- (4) To maintain CONSTANT academic and career prep guidance.

Programs for At-Risk Students

- * CARE Program for Teen Mothers (with MTCC)
- * Mentor Program at BHS
- * REBS group for Administrative Team (most needy)
- * Spartanburg County Alternative School
- * Monitoring by Teachers (At-Risk Focus Team)

Relationships with Others: Community Service

- * AF JROTC
- * Athletic Teams
- * Lake Sweep
- * Leadership Byrnes
- * Student Service Organizations: Junior Civitan, Beta Club, etc.
- * Middle Tyger Community Center
- * Relay for Life



Rigor, Relevancy, and Relationships: Challenges for the Future

- * Physical Location and Facilities
- * Staff: Funding for Additional Positions
- * Staff: Funding for After-School Programs
- * Transportation: Funding for After-School Programs
- * Technology: Funding for Additional Student Electronic Devices