

5 Best Practices Roscoe Collegiate High School

1) Business Partnerships

Local - In creating a program that reflects local workforce needs schools should build partnerships with local businesses that can train students and simultaneously benefit from introducing student cohorts to a certain industry or career field.

Collegiate Chiropractic and Wellness Center - the chiropractor operates from the school 2 days a week and offers students internships. By shadowing him, students receive clinical experience and can explore interests in pursuing a medical degree or a career in the health sciences.

Statewide and International - By looking beyond the local community for interested partners, the lack of geographic proximity doesn't have to be a barrier to productive collaboration.

Texas Agriculture--Life Extension - sponsors our school-wide 4H program and provides research scientists to design and evaluate our student agricultural research.

Nepris - Real World Delivered to the Classroom. Nepris connects teachers and students with the right industry experts, virtually without having to spend much planning time or leaving the classroom while providing an effective way for companies to extend education outreach and create equity of access. or virtual field trip connections to business and industry is another important partnership, especially for schools in rural areas where business opportunities are not readily available for students.

Silverback Learning - a personalized learning platform that includes - Longitudinal Learning Portfolios; Personalized Learning Plans Aggregated; and Actionable Data. It is a one stop data shop for student digital portfolios. We are in the process of tracking our 3rd - 12th grade by uploading their research projects and formative and summative test data.

Strat Aero - Strat Aero is an international aerospace services company focused on providing professional services using Unmanned Aerial Vehicle (UAV) technology, covering all aspects of the value chain including consulting, training, aerial services and data analytics. It is based in London, England with U.S. headquarters in Houston, Texas. Strat Aero and Roscoe CISD jointly created a curriculum for drone pilot training, including FAA certification for commercial drone applications.

New Amsterdam Global - Facilitates student apprenticeship opportunities in commercial drone flight and provide mentorships in business and marketing applications of Collegiate Edu-Vet and Collegiate Edu-Drone.

Hoofstock Genetics for In Vitro Fertilization and other advanced genetic biotechnology in animals certifications.

Office Depot - our newest partnership. They are packaging and marketing our drone curriculum and our P-20 System Model. They are currently furnishing our collegiate drone classroom and our Montessori Early Childhood Center.

<https://drive.google.com/open?id=0B1y0ZJx29Na5azZDSVktLTRQcnc>

Albany Pet Hospital - provides organization and management of Collegiate Edu-Vet.

Surefoot Studios - provides organization and management of Collegiate Edu-Drone and its curriculum sales through Office Depot.

2) Professional Development

Planning, Training and Collaboration- We have this every week for administrators, staff members, and teachers of all grade-levels. These meetings allow district personnel to support each other face-to-face by aligning on major activities, problem-solving, reviewing data, creating assessments, and tackling other campus tasks that benefit from a group approach. To provide additional venues for collaboration, the elementary and high schools also have

separate faculty and organizational meetings. This collaborative professional environment trickles down to students, who can model their own collaborative efforts on the adults around them.

Other professional development- We encourage teachers to participate in training and conferences to support continue adult learning and provide payment for these opportunities.

Instructional Coaching- Instructional coaches perform classroom walkthroughs, and then debrief teachers on their observations and advice for implementing the Common Instructional Framework.

Harvard Instructional Rounds - Internal rounds are done three - four times each semester and external rounds are done once each semester. Several of our administrators and instructional coaches attended the training on the Harvard campus. We also assist other districts in the implementation of Instructional Rounds and frequently participate in this process in other districts.

3) Building a Network

Visiting successful models - On site visits reveal how an ECHS functions in everyday practice and discussions with administrators and teachers can provide constructive insights. Learning how other schools make components of the model work for them, what elements lead to success, and challenges encountered along the way provide an opportunity for sharing ideas.

4) Culture

High Expectations - Becoming a district wide early college high school allows us to begin preparing students from PK to high school instilling the goal that college is not only possible, but an expectation. We had 96% of our senior class graduate with the Associate's degree this year.

Flexibility - Be ready for the unexpected, to overcome challenges along the way. You must be ready to switch gears when there are components of your plan are not working.

Know the why - Our why is to break the poverty cycle not only in Roscoe, but all of Texas and the United States. Texas has approximately 700 rural districts out of 1200 districts. Many times it is hardest to create innovation in rural areas, so we are committed to being the National Rural Model for school innovation and have designed a model that is replicable by districts of all sizes.

[Raise Your Hand Texas](#) (video)

[Roscoe Collegiate ISD](#) (video)

5) Degree planning and certifications. (Attached Document)