



Annual Report 2019-20

Radiant STEM Academy

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INTRODUCTION

RSA History

Radiant STEM Academy is a private accredited school located in Irving, Texas. We serve communities in North Texas, and currently have families from Irving, Euless, Arlington, Allen, Carrollton, Coppell, Lewisville, Grand Prairie, and Grapevine at our school. Radiant STEM Academy started on August 26, 2014 at 3636 W. Northgate Dr. Irving, TX, 75062 with 76 students from Pre-K – 5th grade and 14 staff members.



Every academic year, we added one class section to an elementary grade and one additional grade level to the school. Due to this growth and trend of enrollment, the school decided to move to a new facility at 2001 W. Walnut Hill Lane, Irving, TX, 75038 in October 2016. The current campus has 50,000 sq. ft. to accommodate future growth of the school.

We maintain a low student-teacher ratio in each class to ensure abundant classroom attention shaped to the personality and learning style of each student, instead of

the traditional learning style. We have students from diverse ethnic and social backgrounds and adapt instruction to each student's academic needs.

RSA is proud to have parent partnership and strives to provide a collaborative environment. The school flag was designed by the Sbeit family and the Mission Statement was contributed by Mr. Zeshan Chaudhry.

The school administration is responsible for overseeing school functions, such as class curriculum, instruction, student admission, day-to-day school operations, and employment of professional staff. The School Board is a policy-making body and has overall responsibility for financials, staff, facilities, and expansions.

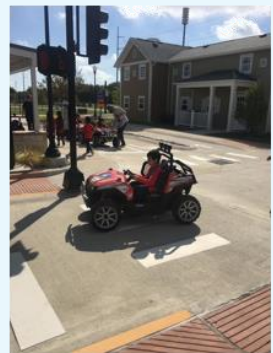


VISION

Provide a stimulating learning environment with a technological orientation across the whole curriculum, which maximizes individual potential and ensures that students of all ability levels are well equipped to meet the challenges of education and life.

MISSION

Developing young men and women with active and creative minds into spiritual, intellectual, and social leaders of tomorrow.



SCHOOL COLORS

GREEN signifies each student's power to accomplish his or her goals and become a role model

GOLD represents the illumination of our students' knowledge and character

WHITE symbolizes the friendship obtained through the teamwork

MOTTO

Everyone is an Achiever



ACCOMPLISHMENTS

High School Programs: We offer different high school programs; the early college program is geared towards students earning at least two years of College Level Credit along with High School Credit. Graduation plans are individualized within five endorsement areas; STEM (Health Science & Engineering), Arts and Humanities, Multidisciplinary, Public Services, and Business & Industry. Many students are taking the AP level and Dual Credit courses. Students have been accepted in different local hospitals, institution, and firms to volunteer, research, or do internships. The counselor's do weekly academic sessions with students to go over their overall progress. We make sure to manage students' tarbiya by maintaining small class sizes and providing them guidance on a continuous basis. Students participates in several clubs that are either run by students or faculty members. Students receive ongoing counseling for college admission processes and post high school preparedness.

PSAT: Starting from 9th grade, students take the PSAT assessment. In the PSAT 8/9 and 10, most of the students performed very well and scored in the 95th percentile or higher. RSA implements SAT-aligned vocabulary words and math skills from 3rd grade through Middle school. These alignments help our students score high in the PSAT 8/9 and 10 assessment. The summary report is posted below.

Technology: The Radiant STEM Academy Technology curriculum is aligned with National Educational Technology Standards (NETS). Students from Elementary – Secondary levels worked on different technology related projects aligned with Project Based Learning goals. Students start using programming software starting in the 3rd grade. 4th – 5th grade students learn Graphics Design, Video Production, Robotics, and Animation. Middle school students are taking high school level computer science courses. High school students are taking the Advanced Placement Computer Science, a college level course. Most of the school presentations and videos are made by upper elementary and secondary students.

Curriculum: RSA has designed its own curriculum aligned with TEKS, CCRS, PBL, and STEM content area standards.

ELAR curricula for 3rd – 8th grade and have SAT-compatible vocabulary word applications. For all grade levels, Science curricula are aligned with the Next Generation Science Standards, Math curricula are aligned with Algebra Readiness Skills, and Arabic curricula are aligned with LOTE TEKS standards. RSA has also created a scope and sequence for Islamic Studies, Arabic and Quran to monitor student progress and teacher accountability.

Extra-Curricular: Students in Elementary, Middle, and High School participate in different organized and structured activities. 4th – 5th grades students lead **Student Council** and they organize different after-school events. Student Council have supported several humanitarian causes by raising money through Ice cream sales, parents' night outs, and bake sales. They also helped during STEM night with the Alienbots workshop.

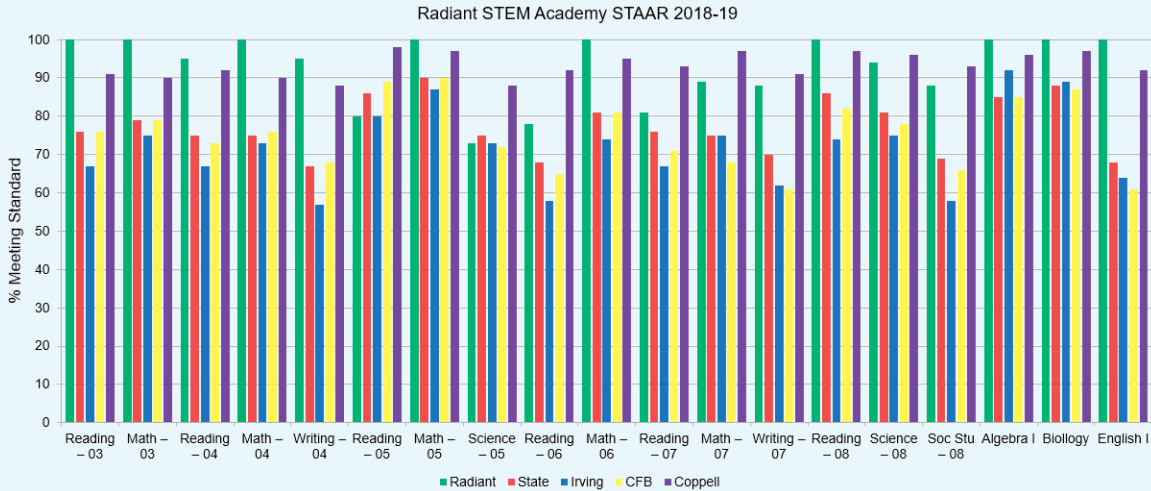
RSA Business Professionals of America members compete at different career-related and academic, competitive events and have won several awards at regional and state levels. Due to COVID-19 the national events were cancelled.

RSA National Junior Honor Society and National Honor Society members have proudly volunteer for different school events and arrange several charity drives for local and national charity organizations.

School students participate in a variety of extracurricular activities such as Volleyball, Basketball, and Soccer school team. They also volunteer at different hospitals, attend STEM programs at local universities, and work at different organizations.

Parent Teacher Organization: RSA PTO provides parents and teachers an opportunity to work together and enrich students' educational and social experiences. PTO supports administration and teachers by organizing volunteers for classroom assistance, hosting several events throughout the school year, and organizing after-school activities such as Art Club, Gymnastics and Crochet Club. Some of the more popular PTO hosted events are: Fall Family Picnic, Donuts with Dad, Muffins with Mom, Take Your Parent to Lunch Day, Family STEM Night, Bake Sale, Mom and Son Game Night, Daddy Daughter Tea Party, Fall and Spring Book Fair, Career Week, and Teachers' Appreciation.

STUDENT PERFORMANCE

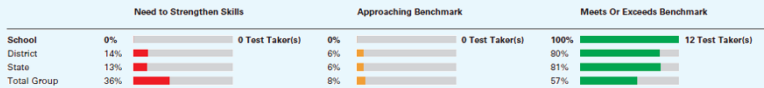


RSA 9TH GRADE PSAT 8/9 REPORT

Section Scores (120 - 720)

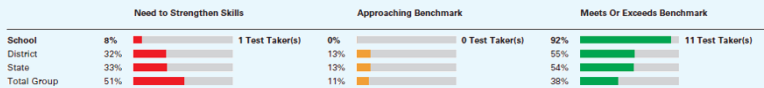
Evidence-Based Reading and Writing

Mean Score **513**



Math

Mean Score **518**



STRATEGIC PRIORITIES

Radiant STEM Academy has set five strategic areas of focus that are centered around student achievement, the key component of our mission. The goals are set for five academic years and were adopted in 2018 after we met the previous goals, MashaAllah. The next set of long-term goals for the subsequent five academic years started 2018-2019 are the following:

- Further development of the facility to accommodate more students and add additional sections in 4th and 5th grade. Adding an outdoor basketball court to meet the physical activity needs of secondary students.
- Keep providing teachers ongoing training and support in adopting the latest technology applications.
- Keep advancing school curricula to prepare our students to excel in college level courses.
- Working with different organizations from the health and engineering fields to provide our secondary students structured internships and volunteering opportunities.
- Partnering with parents to offer different workshops and sessions in the area of their expertise to help other parents.

BOARD MEMBERS

Dr. Mazhar Islamraja
President

Mr. Mohamoud Egal
Vice President

Dr. Raed Sbeit
Member

CIP COMMITTEE *(Campus Improvement Plan)*

Mrs. Nuzhat Hye
Mr. Amjad Ali Khan
Mrs. Denise Carvin
Mrs. Mazida Malik
Mrs. Iman Kirmani
Mrs. Meraj Khan
Mrs. Suzi Bsailleh
Mrs. Sara Khayat

Mrs. Amy Raza
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ADMINISTRATION

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Thank You For Your Support!