As a specialized research-focused learning community, our mission is to foster and produce students who think ethically, critically, and independently while excelling in competitive academic environments and demonstrating high standards and expectations.

Our Vision is to prepare STEM scholars to lead in a world of accelerated change.

Amanda Baskett
Magnet Director

Lynette Clark
Assistant Director

Jennifer Harris
School Counselor

Myrissa Lindsey
School Counselor

CEEB CODE: 110867
ABOUT US
Rockdale Magnet School for Science and Technology (RMSST) was established in the fall of 2000 as a partnership between Rockdale County Public Schools in Conyers, Georgia and the College of Engineering at the Georgia Institute of Technology in Atlanta, Georgia. In May of 2012, RMSST was the first High School in Georgia to be awarded STEM Certification by the Georgia Department of Education. RMSST is a public, selective admissions school-within-a-school housed at Rockdale County High School (CEEB: 110860). Students apply in 8th grade and then complete rigorous, STEM-based graduation requirements, including a minimum of 7 additional STEM graduation credits throughout 9th-12th grades. All RMSST courses use college-level textbooks and extend the curriculum beyond Georgia's course standards.

ELIGIBILITY REQUIREMENTS & SELECTION PROCESS
- Resident of Rockdale County (if moving into Rockdale County, residency must be established prior to enrollment if selected) AND
- One of the options below:
  - 7th grade ITBS Subject Score of 60th National Percentile Rank or higher for Reading or Math and/or EOC English Score of 550+ and/or Math Score 3+.
  - 8th grade student enrolled in Coordinate Algebra and/or Carnegie Physical Science in their Middle School
* Private, Home-school, or non-RCPS 8th grade students must be enrolled in Algebra 1 or Geometry.

GRADUATION REQUIREMENTS
- Magnet Science: 4 UNITS
  - MUST include: Environmental Science, Biology, Chemistry, and Physics
  - Minimum of 2 science units taken at the AP level (AP Environmental Science, AP Biology, AP Chemistry, AP Physics)
- Magnet Math: 4 UNITS
  - Minimum of 1 unit of AP Calculus
- Magnet Research: 3 UNITS
- English/Language Arts: 4 UNITS
  - MUST Include 2 units of Magnet English
- One senior specialized elective credit
  - MUST be a magnet academic stem elective
- Social Studies: 4 UNITS
  - Health .5 UNIT/ Personal Fitness .5 UNIT
  - World Language: 2 UNITS
    - MUST be same language
- Magnet Technology: 1 UNIT
- Senior capstone credit: 1 UNIT
  - Scientific Internship or Research IV

GRADING SCALE
A  90-100
B  80-89
C  70-79
F  69-Below

RETIRE GRADING SCALE
(2017-2020)
A  90-100
B  80-89
C  75-79
D  70-74
F  69-Below

SCHEDULE
- Two 18-week semesters
- Block Scheduling with A Day and B Day
- Students earn a final grade at the end of each semester for the .5 unit taken
- All students must take 8 classes each semester which can include: RMSST, RCHS, RCA, RVC, Dual-Enrollment, and Off-Campus classes.

COUNSELOR CASELOAD
Myrissa Lindsey
mlindsey@rockdale.k12.ga.us
Last Names: A-J
Senior Caseload Size: 36
Overall Caseload Size: 160

Jennifer Harris
jharris1@rockdale.k12.ga.us
Ext. 29116
Last Names: K-Z
Senior Caseload Size: 28
Overall Caseload Size: 169

STUDENT DEMOGRAPHICS

<table>
<thead>
<tr>
<th>Ethnicity</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Asian</td>
<td>6%</td>
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<tr>
<td>Black</td>
<td>65%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>10%</td>
</tr>
<tr>
<td>Multi-Racial</td>
<td>5%</td>
</tr>
<tr>
<td>White</td>
<td>14%</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Gender</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>44%</td>
</tr>
<tr>
<td>Female</td>
<td>56%</td>
</tr>
</tbody>
</table>

Free/Reduced Lunch: 63%

RCHS - Rockdale County High School*
RCA - Rockdale Career Academy*
RVC - Rockdale Virtual School
*Students provided transportation
RMSST RESEARCH CURRICULUM

Students are involved in individual, in-depth research projects each year in student-selected areas of Math, Science, Engineering, or Technology. These investigations are carried out under the supervision of RMSST faculty and mentors from various universities, businesses, and government agencies. RMSST students present an oral defense of their research projects to school and community members at the Annual Student Showcase and then submit them in science fairs and other competitive venues.

Research I 9th: Lab methodology, lab safety, use of scientific equipment, foundations of experimental design, how to read scientific journal articles, and students design proposal for first research project.

Research II 10th: Students complete first research project and earn their Responsible Conduct of Research (RCR) certification. Emphasizes the use of multiple variables and statistics within a chosen research project.

Research III 11th: Students complete second research project as a continuation or exploration in a new field. Emphasizes the ethics of scientific research and professional standards within STEM careers.

Research IV 12th grade: Students complete their third research project and also mentor younger students in the lab. Emphasizes process of publishing work in scientific journals.

ADVANCED PLACEMENT COURSES

AP Environmental Science
AP Biology
AP Chemistry
AP Physics C
AP Physics E Electricity & Magnetism
AP Computer Science
AP Computer Science Principles
Magnet Calculus I (AP Calculus AB & 1/2 AP Calculus BC)
Magnet Calculus II (1/2 AP Calculus BC, Multivariable Calculus & Linear Algebra)
AP Art History
AP Statistics
AP Studio Art
AP English Language
AP English Literature
AP World History
AP US History
AP Government
AP Psychology
AP Seminar
AP Research
AP Macro Economics
AP Spanish Language

2022-2023 AP Statistics

92% of students earned '3 or higher'

10 AP classes completed on average

DUAL ENROLLMENT PARTNERS

Clayton State University
Georgia Piedmont Technical College
Georgia Military College
Middle Georgia State University
Point University

MAGNET ACADEMIC ELECTIVES

Magnet Microbiology & Botany
Magnet Engineering Concepts
Magnet Engineering Applications
Magnet Oceanography
Magnet Scientific Internship (12th Grade Only)
Magnet Organic Chemistry
History of English
Magnet Advanced Finite Math
Intro to Business and Technology
SAT Math Support

RMSST SCIENTIFIC INTERNSHIP

Senior students are provided real-world experiences in their area of interests, real-world applications that are directly linked to the Magnet curriculum, research experience in an on-site lab or work-related project, skills related to a specific occupation, and exposure to equipment and procedures involved in a specific occupation. The Scientific Internship Program enables Magnet seniors to serve two or three days per week as special assistants to senior officials in the fields of medicine, engineering, technology, mathematics, and criminal justice. The program blends the theoretical and the practical, combining the best elements of classroom analysis with actual on-site work experience.

ADVANCED ACADEMIC PATHWAYS

Students will complete Georgia Department of Education’s Advanced Academic pathways in Math and Science. RMSST graduation requirements include 1 AP Math and 2 AP Sciences at minimum. Completion of Advanced Academic pathways prepare students for career opportunities that will lead to multiple postsecondary options for advanced studies and skills.

MAGNET CO-CURRICULAR ACTIVITIES

Asian American Student Organization
Camera Club
Association of Artists
ESports
Black Stem Student Union
Magnet, Inc.
Book Club and Reading Bowl
Magnet News
Gay Straight Alliance
Magnet Peer Mentors
LatinX Student Union
Magnet Peer Tutors
Robotics, Engineering, and Model UN
Computer Science Team
Science Team
Sophisticated Men of Excellence
Speech & Debate Team
Magnet Ambassador Program
Magnet The Gathering
Varsity & Junior Varsity Math Team
Magnet Student Council
Women on the Way to Success

COMPETITIONS & OPPORTUNITIES

American Mathematics Competition
National Oceans Science Bowl
Rockdale Mathematics Competition
International Students’ Science Fair
Atlantic-Pacific Math League Contest
International Science and Engineering Fair
CSSS Student Research Symposium
FIRST Robotics Competition
Georgia Science and Engineering Fair
Georgia Science and Humanities Symposium (GJSHS)
Young Georgia Authors
Magnet Microbiology & Botany
ZERO Robotics Competition
Magnet Science Talent Search
Georgia Tech K12 Inventre Prize
Regional Science and Engineering Fair
Regeneron Science Talent Search

COVID-19 STATEMENT

For the 2019-2020 school year, Rockdale County Public Schools pivoted to remote learning. Students’ grades were not negatively impacted. Students started virtual school March 16th with the grade they had earned up to that point. All work submitted by students was graded and included in the grade book, with the exception of zeros. For the 2020-2021 school year, we continued operating virtually with a synchronous school day. Grading and attendance resumed as if we were face-to-face. Students had full schedules and were required to log in to all classes. Extra-curricular activities were offered virtually and students actively participated. Starting the 2021-2022 school year, all in person instruction and activities have resumed.

HONORS

- We provide Class Rank
- Minimum 3.5 weighted GPA to be an honor graduate.
  - 3.5 - 3.69: Cum Laude
  - 3.7 - 3.89: Magna Cum Laude
  - 3.9+: Summa Cum Laude
COLLEGE ACCEPTANCES
* An asterisk indicates a college or university that a student of RMSST's Class of 2023 will matriculate Fall 2023.

- Agnes Scott College
- Alabama A&M University
- Alabama State University
- Albany State University
- Auburn University
- Augusta University *
- Barry University
- Boston College
- Boston University
- Brandeis University
- Brown University *
- Clark Atlanta University
- Clark University
- Clayton State University *
- Clemson University
- College of Coastal Georgia *
- Columbia University *
- Cornell University
- DePaul University
- Dillard University *
- Embry-Riddle Aeronautical University *
- Emory University *
- Emory University-Oxford College
- Fisk University
- Florida Agricultural & Mechanical University *
- Florida State University
- Fordham University
- Fort Valley State University
- George Mason University *
- Georgia Gwinnett College
- Georgia Institute of Technology *
- Georgia Southern University *
- Georgia State University *
- Georgia State University - Perimeter College *
- Gwinnett Technical College *
- Hampshire College
- Hampton University *
- Howard University
- Jackson State University
- Johnson & Wales University-Charlotte
- Johns Hopkins University
- Kennesaw State University *
- Louisiana State University *
- Mercer University
- Michigan State University *
- Middlebury College
- Missouri Science of Technology
- Morgan State University
- Morehouse College
- North Carolina A&T University *
- North Carolina State University
- Northeastern University
- Oberlin College
- Oklahoma City University *
- Oregon State University
- Pace University
- Pennsylvania State University
- Point Park University
- Portland State University
- Providence College
- Randolph-Macon College
- Rhodes College
- Rollins College
- Savannah State University
- South Carolina State University
- Spelman College *
- Swarthmore College
- Tennessee State University
- Tuskegee University *
- The Ohio State University
- University of Alabama *
- University of Alabama at Birmingham *
- University of California Davis
- University of Central Florida
- University of Florida
- University of Georgia *
- University of Hartford
- University of Miami
- University of North Carolina at Asheville
- University of North Carolina at Chapel Hill
- University of North Georgia
- University of Pennsylvania
- University of Pittsburgh
- University of Richmond
- University of Rochester
- University of South Carolina
- University of South Florida
- University of Toronto Mississauga
- University of Washington at St. Louis
- University of Waterloo
- University of West Georgia
- University of Vermont
- Valdosta State University
- Vanderbilt University *
- Virginia Commonwealth University
- Voorhees College
- Wesleyan College
- Western New England University
- Winston-Salem State University
- Wofford College
- Xavier University
- Xavier University of Louisiana *
- Yale University

FAST FACTS

Class Size: 65
74% of graduates plan to pursue STEM degrees

$12,182,331
Scholarship Offers
(excludes HOPE & need-based monies)

SAT
1237
Average *

ACT
26
Average *

35%
Attending in-state college

65%
Attending out-of-state college

NATIONAL HONORS

- 1 National Merit Semifinalist
- 1 International Science and Engineering Fair Finalist
- 1 Questbridge Scholar