

EdMatters

Full STEAM Ahead: Innovation and Excellence in Education at South Iredell High School



Engineering fair this spring.

Nachu An-namalai won the ISEF award. She will be competing at the International Science and Engineering Fair in Columbus OH this May for her physics project!



In a time where innovation drives progress, SIHS is setting the standard for STEAM (Science, Technology, Engineering, Arts, and Mathematics) education. With an approach to learning that blends innovation, creativity, critical thinking, and real-world problem-solving, South Iredell High School is not just preparing students for the future—it's empowering their students to change the world.

Over the last month, SIHS has had multiple standouts. Muhammad Fawwaz and Maxwell Grace are NC state winners for the Samsung Solve for Tomorrow STEM contest. They've won \$12,000 of Samsung products for their classroom with their invention AI Eye. Their winning entry is a wearable device used by visually impaired individuals that scans the environment and audibly communicates the objects to the user. Both students are now preparing for Nationals.

- Aditi Senthil Prasad won 3rd place in Earth Environmental Science and she won the Association for Women Geoscientists Award
- Oviya Selmakumar won 2nd place in Biological Sciences A
- Rishi Jayakumar won 4th place in Biological Sciences B
- Sreeja Appala won 2nd place in Engineering
- Anthony Corbin won 2nd place in Physics
- Muhammad Fawwaz won 2nd place Math/Data
- Sandra Richards won the NASA Earth System Science Award.

At the heart of SIHS's success is its commitment to hands-on, inquiry based teaching and learning. Teachers work diligently to collaborate across disciplines ensuring students see connections between subjects and the real world.

Many SIHS students had science fair projects that advanced to the Regional Science Fair at UNC Charlotte in February. They have won awards and many are advancing in competition to the NC State Science and

Every Lesson, Every Day at Scotts Elementary School

Scotts Elementary has committed to fostering a learning environment where every student has the opportunity to succeed and thrive. Over the year, they've placed a strong emphasis on enhancing our teaching practices. This includes specifically focusing on implementing the Bridges curriculum and small group instruction in their workspaces and Number Corners.



The results have been truly inspiring, with noticeable improvements in both student engagement and academic growth.

what they are learning in class and how they can apply it outside of the classroom, deepening their understanding and love for the subject.

Our workplaces in small groups creates a bridge between the classroom and the working world, offering students a chance to develop essential skills such as teamwork, communication, and problem-solving. These experiences have empowered our students to feel more connected to their education and have inspired many to pursue further studies or careers related to their workplace learning experiences.

We are seeing students are more involved in their learning, eager to participate in classroom activities, and motivated to take on challenges. The use of Bridges and small group instruction has helped create a supportive, responsive environment where every student feels empowered to succeed at their own pace.



The Bridges curriculum has provided a dynamic and comprehensive framework for teaching math. It encourages students to think critically, build problem-solving skills, and engage with math in meaningful ways. By incorporating Bridges into our daily lessons, we've been able to provide students with a solid foundation in mathematics while also offering them opportunities to explore concepts through hands-on learning and real-world application. This has allowed students to make connections between

The SIHS Science Olympiad team competed in an invitational meet at UNC Chapel Hill with approximately 40 teams from around North Carolina. Rishi Jayakumar and Aditi Senthil Prasad earned a 5th place medal in the Anatomy and Physiology event.

In the Arts, South Iredell High School's Odyssey of the Mind team placed first at the regional competition! Their skit is based on The Secret Garden will move on to the state competition in March!

Union Grove Archery Success



Mr. Welborn and Mrs. Strod led the Union Grove Elementary Archery Team to 11th place in the state at the State Archery Tournament in Winston Salem, North Carolina. The students did a great job and missed top 10 in the state by five points! The students are excited to continue their archery journey next year at North Iredell Middle School. Union Grove Elementary remains #1 in the district with archery! Go tigers!

We Proudly Support the Iredell-Statesville Schools!



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