



Welcome to STEM Science Fair 2025



The Gwinnett County Science Department has announced the 8 choices for this year's STEM fair and I can't wait to see what the students at Grayson Elementary School do to find a solution. The students need to include a journal or booklet containing their ideas, notes, pictures of prototype, data, graph, research... Projects need to be displayed on a tri-board with all sections completed that are listed on the back of this paper. Students may also include a video to go along with their tri-board and a model/prototype must be displayed along with the tri-board and journal. This information will be listed on the Grayson Elementary website and will be discussed in science specials. Projects must be completed by the student and students may work alone or in groups of three or less. No more than three students in a group is permitted. All projects are due by January 10, 2025 and need to be brought to the gym stage during arrival from 8:20-8:50AM with the student's name, grade level and homeroom teacher name on all project materials. This form below is due to Mrs. Frost no later than Friday, October 4, 2024. Please indicate which problem you will be working on and return this form to Mrs. Frost by Friday, October 4.

Mrs. Frost, GES Science Specialist

Cut on the line and return the bottom portion to Mrs. Frost by Friday, October 4th.

_____ Problem #1 How might we help bees and butterflies find more flowers to visit in our school garden?

_____ Problem # 2 How might we make riding bicycles to school safer and more fun for kids?

_____ Problem # 3 How might we create exciting and engaging activities that motivate kids to be more physically active every day?

_____ Problem # 4 How might we reduce the risk of sports injuries for young athletes while still allowing them to enjoy their favorite activities?

_____ Problem # 5 How might we encourage kids to reduce trash in your community and keep it clean and inviting for everyone?

_____ Problem # 6 How might we meet increasing demand for electricity to power industry, homes and cars in Georgia?

_____ Problem #7 How can we design and build a solution using computer science to help solve a real-world problem?

_____ Problem #8 Student Choice: Spend some time watching the world around you. Make observations of all the things you can see; the environment, the traffic, the weather, your school, and wildlife are all great places to start. Develop a driving question, and design a solution to help solve the real world problem.

Student Name: _____ Parent Signature: _____

Teacher Name: _____ Grade Level: _____