

2025 Edith Bowen Science & Engineering Fair Guidelines

Date & Time: Friday, February 28 From 8:30- about 10:00 am

First, HAVE FUN DISCOVERING ANSWERS & SOLVING PROBLEM

Next, remember, you will be judged on how you follow the

Scientific Method (see video https://youtu.be/Xxm_beTs2LU) or the **Engineering Process** (see video, <https://youtu.be/fuwGvZ-eOrc>).

Following these Steps for a Science Project

(don't forget to keep a record of all you do)

- **Observer & Ask** a question you can test
- **Research** information about your question.
- **Ask** an adult to supervise. Always be careful and safe!
- **Make a Plan**, what will your experiment need and how will it work
- **Create** a hypothesis, what you think will happen
- **REGISTER your project & WAIT FOR APPROVAL before continuing**
- **Test** your question,
- **Record** your results
- **Make Display Board** (provided by the school) that includes all your steps
- **Bring** your display board and any visuals on the day of the Fair.
- **Share** your scientific discovery for the judges

Follow these Steps for an Engineering Project

(don't forget to keep a record of all you do)

- **Define a Problem** that needs a solution
- **Research**, Who has the problem? Why is it important to solve?
- **Make a List** of all the specific thing you will need to solve the problem
- **Brainstorm**, possible solutions & choose the one you can create
- **REGISTER your project & WAIT FOR APPROVAL before continuing**
- **Develop** the prototype for your solution
- **Test** your solution
- **Record** your results, (solution solves the problem, solution partially solves the problem, solution does not at all solve the problem), retest IF necessary.
- **Make Display Board** (provided by the school) that includes all your steps
- **Bring** your display board and any visuals on the day of the Fair.
- **Share** your engineered solution for the judge

More Guidelines:

- Do no harm to people or animals, mental or physical.
- A responsible adult should supervise to be sure that you stay safe.
- You must do your own work, to the best of your abilities!
- Each display board must have your name(s), grade(s), and teacher(s) name on the BACK.
- **All students must register for the fair by TUESDAY, FEBRUARY 18**

FAQ

- **Who can register?** Remember that every student that wants to participate can, Kindergarten through Sixth grade. Every student must register in order to participate.
- **How can my student register?** Through the website, [EBLS Science & Engineering Fair website](#). Your student needs to be ready to answer a few questions when they register, including specifics about their project. *Remember:* When you register, you need to register **BEFORE** you begin the experiment part of your project or start to build your engineering project. Our committee needs to review every project, science or engineering, to ensure safety. Don't worry we have a very quick review process, usually within hours of the registration form submitted.
- **When will the registration be open?** You can register NOW!! Here is the link, [Registration form](#) .
- **Who do we contact with questions?** Message Elisha Helpingstine through ParentSquare, or email her at elisha6363@gmail.com
- **How can I help/get involved with the Fair?** Simple, reach out to Elisha Helpingstine for different ways families can be involved and help.
- **It's difficult for our family to work on projects, is there a way the school could help my student(s)?** YES!! EBLS has an EBLS Science & Engineering Academy that will start on Tuesday, January 21st. It will be right after school on Tuesdays. We will be helping students work through their projects. From start to finish if they need it. Parents, your student must be REGISTERED for the Academy to participate. The link to register will be shared through ParentSquare soon!
- **Do we require typing on display?** No, in fact if you are too young to type it, we prefer to see neatly written sections on your boards. We understand that parents help, an adult should supervise, but remember that on the day of the Fair it will only be you, the student, explaining your project. So please ask for help but if you want to be successful do as much of the work by yourself, earn your points!
- **Can students work together on a project?** Yes, up to 3 students on a single project. **Each student must register individually.**