

Participate in the Gresham-Barlow **STEM EXPO** March 8 @ Gresham HS



Win cash prizes!

Earn college scholarships!

Enhance your resumé!

Important Information

- Work by yourself or in groups up to 3.
- Find an adult sponsor (teacher, parent, or other adult to advise you during this project).
- Register your project by February 15, 2023.
- Finish and submit your project by March 1, 2023.
- Participate on Friday, March 8, 2023 at Gresham High School.
- Possible advancement to NWSE (April 5) and/or ISEF (May 11-17) in Los Angeles, CA.

For district support or questions,
contact Meagan Sternberg
(sternbergm@nclack.k12.or.us).



scan or click for
more information

Northwest Science Expo System (NWSES) Information for NCS D students

NWSES is a connected system of science fairs in Oregon that qualify students for the Regeneron International Science and Engineering Fair (ISEF). This year Regeneron ISEF is in Los Angeles May 12-17, 2024.

NCS D students must attend the Gresham Barlow STEM Expo March 8, 2024 at Gresham HS and finish in the top third to qualify for the state fair known as the Northwest Science Expo. NWSE will be held at Portland State University April 5, 2024.

Getting Started

The first step is to come up with a project idea, the best ideas are ones related to your life. Certain types of projects require pre-approval from a school-based review board or if the research is conducted at a research institution, their internal review committee. If you are working on your own, try to avoid projects involving humans (even surveys), microbes, vertebrate animals or their fluids or tissues.

<https://nwse.org/> has a Forms Wizard you can use to get an idea of which forms and approvals will be required.

With your idea, plan out your project, this may require searching for background information or finding a mentor.

Every project requires an Adult Sponsor. The Adult Sponsor can be a parent, teacher, or mentor. The Adult Sponsor is responsible for helping complete required forms, registering the project online, and distributing fair communications to the student (i.e. checks email frequently).

Online Registration

The first job of the Adult Sponsor is to register online as one, select the student's organization and select the Gresham Barlow Science Expo by following the registration links at <https://nwse.org/>

After the Adult Sponsor adds a project, the system assigns it an Exhibit Number. The student can then use the Exhibit Number and password to complete the required forms for the project. Only the Adult Sponsor can complete Form 1 online, the student is responsible for completing the other forms. After a form is completed online, print it as most forms require signatures. All projects need to have Forms 1 and 1B signed before starting the actual experimentation. These signed forms, as well as, the research plan must be shared in registration using Google links.

All paperwork for a project must be received by February 15, 2024 at 3pm. The Gresham Barlow STEM Expo has a registration fee which can be paid either online or by mail prior to the fair.