

## Fall 2021 Saturday Workshop

The K-State Office for the Advancement of Women in Science and Engineering (KAWSE) hosts one Saturday workshop per semester. Each workshop is intended to provide students with hands-on activities in an effort to increase girls’ interest in science, technology, engineering, and math (STEM). Each activity is designed and facilitated by K-State faculty, staff or students.

Saturday Workshops have a central theme, and it is our goal to expose students to a wide variety of STEM disciplines as they relate to each theme. If you are unsure about how your area of expertise may tie into a workshop’s theme, please contact the KAWSE Program Coordinator, Morgan Greene.

### “Creating a Better World Through STEM + Arts & Design” Saturday, October 23, 2021

**Theme:** Many STEM fields—including architecture, planning and design—help create a more sustainable, healthy, and equitable world. We witnessed first-hand the role STEM plays in addressing global health crises, but the applications are endless. In this Saturday Workshop, we will showcase the role that STEM fields and professionals play in creating a better world.

## Facilitating an activity for a GROW Saturday Workshop

### How a GROW event works:

- GROW events are attended by 80-100 participants, the majority of whom are female
- Participants are split into groups of around 8-12 students per group
- Groups rotate through a variety of activity sessions throughout the day, chaperoned by K-State student mentors
- K-State faculty, staff and/or students design and facilitate activities for the participants.
  - Note: Faculty do not need to be present at the workshop if they have students capable of presenting alone

### Example Schedule

	Group 1	Group 2
9:00	Check In	
9:30	Opening Session	
10:00	Session A	Session B
10:30		
11:00	Session B	Session A
11:30		
12:00	Lunch	
12:30		
1:00	Session C	Session D
1:30		
2:00	Session D	Session C
2:30		
3:00	Closing Session	
3:30	Students Depart	

### What an activity should look like:

- Related to the event theme
- Hands-on activity for middle-school students (grades 6-8)
  - Note: While it is okay to provide a brief PowerPoint (about 10 minutes) at the beginning of the activity, the majority of the session (about 40 minutes) should be interactive and hands-on
- 45-50 minutes in length
- Designed for groups of 8-12 students at a time
- Presented 2 or 4 times, so multiple groups of students can experience the activity
  - Note: We have been fortunate in recent years to have many facilitators volunteer to host activities. We will do our best to schedule you for your requested number of sessions. Slots are available on a first come, first serve basis. Feel free to contact us with any questions or concerns you may have.

### Sign-up Information

- An activity submission form is available in Excel or online format on the KAWSE website (<https://advance.k-state.edu/events/index.html>)
  - Activity proposals are due by October 8, 2021
- Student participant registration information is available at <https://www.k-state.edu/kawse/grow/events/saturday-workshops.html>.
  - The registration deadline is October 8, 2021

### Other information:

- Facilitators may use their own labs or classrooms, or KAWSE can reserve a room on campus
- A small budget for activity supplies is available, if requested in advance. Final approval is dependent upon KAWSE budget and the size of the facilitator's request.
- Lunch is provided for those facilitators who request it from 12:00-12:45

### Demonstrate Broader Impacts

Though not a requirement, facilitating in GROW Saturday Workshops can be a great way to demonstrate the broader impacts of your research. The KAWSE Office will happily provide letters of support to those who collaborate with us. If your grant allows, please consider adding KAWSE to your budget. Contact our office for more information.

### Contact information

The KAWSE staff is here to help! Contact Morgan Greene, Program Coordinator, via email ([kawse@ksu.edu](mailto:kawse@ksu.edu)) or phone (785-532-6088). You can also visit us in person at 1011 Seaton Hall.