

Fall 2019 Saturday Workshops

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.

Each Saturday Workshop has 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.

"It's Elemental, Dr. Watson!" **Saturday, October 12, 2019**

Theme: 2019 is the International Year of the Periodic Table, marking 150 years since the discovery of the periodic system. This workshop will explore how the chemical elements and/or periodic system still influence STEM today.

Facilitating an activity for a GROW Saturday Workshop

How a GROW event works:

- GROW events are attended by 80-100 middle-school participants, typically all female
- Participants are split into groups of around 10-12 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	Registration	
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 at the beginning of the activity, the majority of the session should be interactive and hands-on
- 45-50 minutes in length
- Designed for groups of 10-12 students at a time
- Presented 2 or 4 times, so multiple groups of students can experience the activity
 - Typically, presenters will do 2 morning sessions, 2 afternoon sessions, or all 4 sessions

Sign-up Information

- An activity guide is available in Excel or online format on the KAWSE website (<https://advance.k-state.edu/events/index.html>)
 - Activity proposals are due by September 20, 2019
- Student registration information is available at <https://www.k-state.edu/kawse/grow/events/saturday-workshops.html>.
 - The registration deadline is September 27, 2019

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
- Lunch is provided for all presenters from 12:00-12:30; RSVP is requested

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. Contact our office for more information.

Contact information

The KAWSE staff is here to help! Contact Morgan Greene, Program Coordinator, via email (morgangreene@ksu.edu) or phone (785-532-6088).