



May 2, 2022

Hello everyone.

We now have 9 schools registered for this year's competition already! Welcome returning teams:

- Council Grove High School
- Kapaun Mt. Carmel Catholic High School
- Wichita Homeschool
- USD 394 (Rose Hill)
- Garden City High School
- Circle High School
- Rock Creek Jr./Sr. High School
- Valley Center High School
- Berean Academy

If you think you registered your school, but don't see it here, please visit the registry again and sign up. You should receive an acknowledgement via email when your request is completed successfully. You can contact me if you have issues, or want me to check it.

We'd like to encourage the rest of you to register before the school year ends. There will be activities throughout the summer such as Simulink training, and some 30th Anniversary special events you won't want to miss out on.

Registration ends on August 13 (2 weeks before **Kickoff on August 27**) so you won't have a lot of time after school starts to get that done.



There are now 9 weeks of [bESTology](#) articles posted. There are lots of really good content out there that can help teams learn some of the vocabulary that will be used in this year's competition (what is the difference between **automatic** and **autonomous**? What is a **gyro**? What is **warehouse management**?).

Simulink News

MathWorks Simulink continues to be a National Sponsor for BEST and an important part of the strategic plan for the BEST program.

Autonomous Programming Challenge

The Autonomous Programming Challenge is ending this week. Unfortunately I don't have visibility to see who in our Hub is participating (I have made a request to BEST Inc that the Hub leadership have visibility – they are working on that!). I hope you are taking advantage of some of these Simulink opportunities.

There are online Simulink webinar series. One starts tomorrow May 3 and the other June 7. Click here for more information:

https://www.bestrobotics.org/site/documents/mathworks/BSSP_6_Week_Webinar_Series_Flyer_Continuous_For_Web.pdf

There are also archived versions of the webinars held in previous years on file manager. You can get to these from bestinc.org. Click on **Participants** -> **File Manager** -> **Public Resources & Training** -> **Software** -> **Simulink** -> [2021 Simulink Workshop Online Series - Recorded](#)

If your team has not used Simulink in the past, you might start preparing now, by first locating a computer you will be able to use. [System requirements can be found here.](#)

Prototype Game

We just returned from the Prototype Game event. In case you didn't know, BEST uses the engineering process to develop the game each year, and that includes a prototype kickoff where the proposed game theme, initial rules, scoring and field design are demonstrated. They take input and questions from the hubs, then have a prototype game event where hubs take robots to exercise the field and generate more discussion about the rules, scoring and field design. It was lots of fun and very educational.

Given this is the 30th anniversary of BEST, the game this year will be a special kind of challenge. As such we are considering having an extended time at Kickoff to allow teams to interact with the field, and then additional opportunities a couple of weeks later. We will work out details, but I think it will be important for teams to have additional access to



interact manually with the field, then take those experiences back for consideration in their respective robot designs.

We also heard about school districts that are hosting teams from their elementary, middle school and high school so that they can begin building their skills earlier. We had a 7th grade student speak to their experience learning how important time management is, and an 8th grader present their experiences in building programs with Simulink. Another sophomore student spoke (quite confidently) about participating in the Marketing Presentation and has started their own business. Then a senior student spoke of their 6 years of BEST experience and becoming a team leader. I was blown away.

I encourage all of you to think about partnering with teachers in the other schools in your district and consider building similar farm teams. I can imagine opportunities to leverage resources by doing this: sharing a practice field, additional faculty and parent participation, access to resources such as tools and shops. And then there is all the mentoring that can/will happen as the students have opportunities to work together. I would be happy to help engage other schools if you like. Just contact me!

The Registry (<https://registry.bestrobotics.org/>)

There have been some changes to the Registry. Parents will register the students (build a profile, sign waivers, and identify limits if necessary for online access) and get them assigned to the correct team. Then the teacher will manage students accounts and accesses. The Help scripts on the registry have been updated to reflect these changes. If you have any issues, there is an email support button you can use to get your issue directly to the right people to address it.

registry.bestrobotics.org/help

612-927-2642 Contact Us

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Help
Welcome Guest. Login

Home Events Mentors **Help**

The following help guides provide a thorough look at the features available in the National Registry. Please review these guides for usage instructions and to troubleshoot issues you may be experiencing. If you cannot find assistance in one of the provided guides click the email link at the top of any page or the Request Support button to the right. We will do our BEST to provide assistance in a timely manner.

Email Support !

General

- Adults - Registering Students for the Competition
- Students - Registering for the Competition
- Completing the Student Participation Survey

Schools

- Registering a School for the Current Season
- Registering a Team as UIL or Unified UIL (Texas only)
- Registering as an Assistant Teacher
- Schools Page
 - Schools - Managing Your Teams Roster
 - Schools - Student Access
 - Schools - Request Mentors & Available Mentors
 - Schools - Managing Your Teams Files
- Accessing Team Scoresheets

Teams

- Team Workflow
 - Team Workflow - Team Information
 - Team Workflow - Annual Game Files
 - Team Workflow - Files Shared With Your Team
 - Team Workflow - Tasks & Deliverables

Calendar

Kickoff – August 27, 2022 @ WSU Hughes Metroplex

Practice Day – October 8, 2022 @ WSU Heskett Center

Game Day – October 22, 2022 @ WSU Koch Arena

I know you are all busy with end-of-year activities. I hope you have a restful summer vacation. I will continue to send newsletters throughout the summer information becomes available, so I hope you will check-in for those at least. Please consider taking advantage of some of the activities, or inviting your students to do so.

Thank you,

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