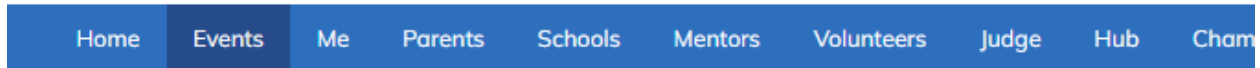




## Sep 2023: New Registry updates you may not be aware of

### PUBLIC VIEWS

**Events Page calendar format** - New events calendar view tab is now available on the [Events page](#).



Welcome to the 2023 season



Events for participating hubs are listed below. Use the search panel to locate an event near you.  
Use the filter panel to locate events in a specific state or by a specific hub.



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
27	28	29	30	31	September 1	2
						North Houston BEST
						San Antonio BEST
3	4	5	6	7	8	9
				Montgomery BEST		Oklahoma BEST
						Mountain Heartland BEST



## STUDENTS

**Student Accounts** (avatar/password login) are now created once and perpetual thereafter. Security questions can be selected during account creation to allow students to reset their own password without the need for a parent. [See BESTedu course for details.](#)

**Student Registration (for fall robotics competition)** – now separated from the student account creation. However, a parent can create the student account and register the student for a team as a single sequence. [See BESTedu course for details.](#)

**Students with accounts can self-register** for other BEST programs (e.g., Spring virtual challenges, etc.) as they become available, all from the ME page.

**Students now access the Team Workflow and Participation Survey** from the ME page.

The screenshot displays the user interface for Johnny James. It includes a profile section with a participation survey notification, a teams table for 2023, and a programs table with registration details for Minecraft and APC Challenge.

SEASON	NUMBER	TEAM NAME	STATUS	CHAMPIONSHIP
2023	401	Dripping Springs High School	Approved	To Workflow

SEASON	PROGRAM	REGISTRATION	PROGRAM DATES	Register
2023	Minecraft Spring Competition	Starts 2023-02-01 18:00:00 Ends 2023-03-14 19:00:00	2/21/2023 6:00 PM 4/17/2023 7:00 PM	Register
2023	APC Challenge Spring Competition	Starts 2023-02-01 18:00:00 Ends 2023-03-11 18:00:00	2/22/2023 12:00 AM 4/18/2023 12:00 AM	Register

**Participation Survey Questions** – some rewording and a few new options were added for the “I intend to:” question.

I intend to: **[Select all that apply - You must select at least one]**

?

- Obtain an industry based certification before high school graduation
- Enter the workforce immediately following high school
- Attend Community College or Technical school
- Pursue post-secondary education (college, university, etc.)
- Take STEM courses in post-secondary education
- Pursue a STEM degree in post-secondary education
- Pursue a career in engineering, science, technology or mathematics fields
- None of these apply

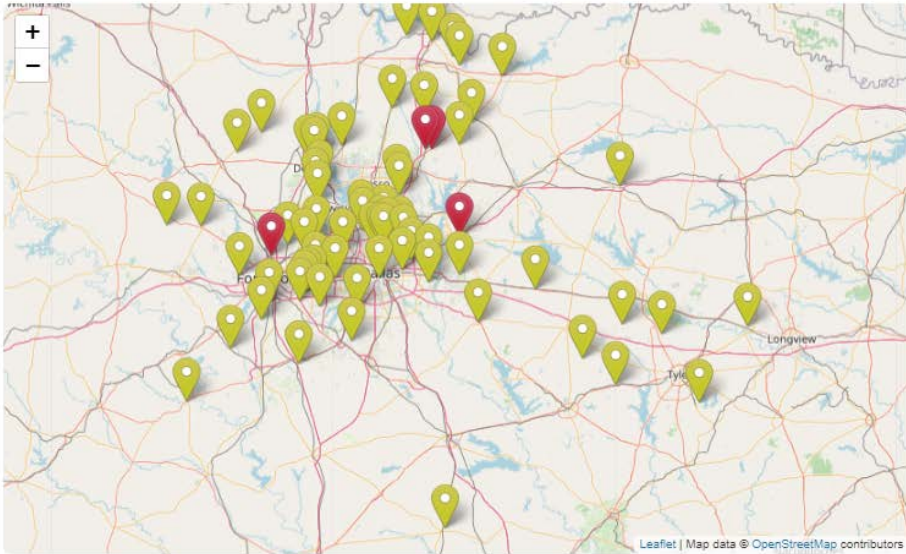
## MENTORING

**Mentoring search page** - shows all schools within a 100-mile radius and identifies those who have requested mentor help with a unique marker. This makes visible all schools in the radius, not just the ones that have specifically requested mentoring help.

**IAI Schools**

Type a ZipCode and click the Find button to load team information for schools within a 100-mile radius of your location. Teams with current mentoring requests are shown with a **Red marker**. Click on a marker for more information about the school's needs. Teams without registered mentoring requests are shown with a **Yellow marker**. Click on a marker for school information.

ZipCode  Find



The map displays a geographic area with numerous school locations marked by pins. Most pins are yellow, indicating schools without current mentoring requests. A few pins are red, indicating schools with current mentoring requests. The map includes a zoom control on the left and a copyright notice at the bottom: "Leaflet | Map data © OpenStreetMap contributors".

**Pioneer Technology & Arts Academy - Fate Mentoring Needs**

**Address:** 5920 I-30, Fate TX 75132

**Mentors needed:** 7

**Assistance requested:**

- Robot design and construction
- Robot Programming
- Marketing presentation development/execution
- Team exhibit design, construction, interviews
- Spirit/sportsmanship planning
- Engineering notebook development
- Use me anywhere

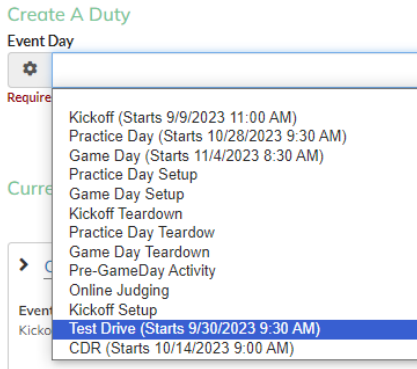


## VOLUNTEERING & VOLUNTEER MANAGEMENT

**Volunteer opportunities page** - changed the format to align with the public version of this page; removed the Event Day filtering and organized to show ALL opportunities grouped by Event Day (Kickoff, Practice, GameDay, etc.).















### Custom Event Days

You can now define your own Event Days for volunteer management purposes. Example, you could have other events like "Teacher Training Day" or "Industry Night", etc. Any event day where you need volunteers. Now all Event Days are shown with the date for clarity. The "Setup" and "Teardown" Event Days are remaining for 2023 (with no dates) but will be removed in the future (2024) in favor of hubs creating their own "special" event days that are not the standard (Kickoff, Practice, GameDay) events.



### Hub Leadership & Volunteering

When you add Hub Leadership, you can now define a volunteer profile for that person and have them immediately be added to the volunteer list, without the need for them to go through additional volunteering steps. They can still login and choose to volunteer for specific opportunities if they desire. Their profile (t-shirt and diet) was defined by the person adding them to leadership, but they can also edit their volunteer profile to update that information.

Current Leadership				
USER	ROLE	CAN RECIEVE EMAIL?	VISIBLE TO TEAMS	VOLUNTEER PROFILE
Young, Greg	Hub Director/Co-Director	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="checkbox"/>  
Dungar, Shailendra	Judging Coordinator	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="checkbox"/>  
Aldridge, Michael	Other	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input checked="" type="checkbox"/>  
Cauthen, Stephen	Other	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="checkbox"/>  
Hale, Michael	Other	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="checkbox"/>  
Starks, Johannes	Other	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="checkbox"/>  
Wise, Justin	Other	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="checkbox"/>  



### Volunteer - Hub Files access

Volunteers have the same access to game files and Q&A as do teams. These become available on Kickoff Day. However, hubs can also share files directly with assigned volunteers.

### Volunteers – Event Day specific files

Hub can share files with volunteers, 1 per defined eventday. This could be a single file or zip file, for example, if multiple files are needed. The EventDay file is uploaded on the Volunteer Management pages. It is visible to volunteers on their Volunteer Assignments.

**Volunteer Management**

Volunteer Management  Enabled  Disabled

Show duties on Volunteers page?  Yes  No

**Manage** **Views**

**Volunteer Assignments**

You are assigned to the following duties at the designated hub. If you need to remove you entirely at a hub, click the Leave Hub button. This action will automatically remove you

**Capitol BEST** Austin, TX

**Judge**

Event Day Game Day [Download Game Day Info](#)

Judging Required Yes

**Description** Official judge for various contest awards. Evaluates team activities and deli and sportsmanship, etc. Scores the activity/deliverable based on the provided rubric. So make judging assignments.

**Training Recommendations:** Understanding rubric and directions from head judge.

TIME	STATUS
9/13/2023 9:00 AM - 4:00 PM	PENDING



**Volunteer Summary page** – a popup window summarizing headcount, t-shirt sizes, and dietary preferences.

Volunteer Summaries													
This summary includes volunteers' information by event day.													
Event Day	Total Daily Volunteers	Shirt Size							Diatery				
		S	M	L	XL	2XL	3XL	OTH	None	Vegiterian	Vegan	Diabetic	OTH
Game Day	3	0	0	2	1	0	0	0	2	1	0	0	0
Game Day Setup	1	0	0	1	0	0	0	0	0	1	0	0	0
This summary includes all volunteers' registered (participating and non-participating).													
Total Volunteers	Shirt Size							Diatery					
	S	M	L	XL	2XL	3XL	OTH	None	Vegiterian	Vegan	Diabetic	OTH	
3	0	0	2	1	0	0	0	2	1	0	0	0	



## HUB MANAGEMENT

### Hub Files (shared with teams)

Hub Files are maintained from prior years. You can choose to make any Hub Files as "visible" or not. You will need to delete files that you no longer wish to maintain in the Hub Files repository.

#### Uploaded Files & Shared Links

CONTEXT ▼	DESCRIPTION/FILE NAME	HUB LOGO	VISIBLE	VISIBLE START	UPLOADED BY DATE UPLOADED	SHARED WITH
Game Day	Some test document for volunteers 2023 NOTICE OF IGUS KIT CHANGE.pdf	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9/22/2023 1:28 AM US/Central	Young, Greg 9/22/2023 1:29 AM US/Central	Public
Game Day	Some special info for both teams and volunteers BEST_Compitions_Overview_Capitol_print.pdf	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9/12/2023 9:03 PM US/Central	Young, Greg 9/12/2023 9:04 PM US/Central	Public
Information	some url link <a href="https://bit.ly/2021CapitolKickoffVideo">https://bit.ly/2021CapitolKickoffVideo</a>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2/24/2022 12:39 PM US/Central	Young, Greg 2/24/2022 12:40 PM US/Central	Public
Kickoff	Team Instructions Capitol_BEST_Kickoff_2021_Instructions.pdf	<input type="checkbox"/>	<input type="checkbox"/>	4/26/2022 6:46 PM US/Central	Young, Greg 4/26/2022 6:47 PM US/Central	Public

### Hub - Manage Team Registrations

Added a check re: Team # when using the "Last Year" option. If the team participated at a different hub, for example, the Last Year # may be invalid and not usable for the current hub; hub will need to assign a new Team Number.



## TEAM WORKFLOW

Software Licenses panel now reflects "free" vs. "purchased" items.

Team Software Licenses

Software available to your team is listed below. License information including links, keys and passcode (as applicable) is available in the software license hub if you have issues with the software.

	COMPANY	URL
+	Mathworks MATLAB & Simulink <span>Free</span>	<a href="https://www.mathworks.com/best-robotics">https://www.mathworks.com/best-robotics</a>
+	Mathworks MATLAB Online Access <span>Free</span>	<a href="https://matlab.mathworks.com">https://matlab.mathworks.com</a>
+	Solidworks <span>Free</span>	<a href="https://www.solidworks.com/product/students/sponsorship-student-teams">https://www.solidworks.com/product/students/sponsorship-student-teams</a>
+	Intellitek <span>Purchase</span>	<a href="https://shop.intelitek.com/easyC-V6-for-IQEDR-_p_269.html">https://shop.intelitek.com/easyC-V6-for-IQEDR-_p_269.html</a>
+	VEX RobotC <span>Free</span>	<a href="https://www.vexrobotics.com/robotc-vexedr-ve">https://www.vexrobotics.com/robotc-vexedr-ve</a>

### Game Rules and Q&A access on Team Workflow

The hidden annual game files and the Q&A both now become visible to teams on the Hub ***Kickoff date/time***. So, if you desire to delay the teams' access on Kickoff Day, you should simply adjust your Kickoff start time (in the system) to later in the day.

**Team Files** - deliverables can now be uploaded only 1 time after the deadline. The (late) uploaded file cannot be removed.

Tasks & Deliverables

Deliverables with required file uploaded and scheduled tasks will check themselves. Other items should be checked by a team member when completed. Scheduled activities status will only be updated after scheduling a time and refreshing the Workflow (or the next time you access Workflow).

	DATE DUE ▼	COMPLETED ON	TITLE	TEAM REQD.
<input checked="" type="checkbox"/>	8/25/2023 12:00 AM US/Central <span>Past Due</span>	8/30/2023 5:30 PM	<b>Engineering Notebook (late example)</b> Alternative example for notebook delivery	✓
<input checked="" type="checkbox"/>	9/1/2023 12:00 PM US/Central	9/22/2023 2:38 AM	<b>Critical Design Review Registration Due [Activity]</b> Students meet with reviewers to explain their design and collect feedback.	✓





Team Deliverables						
TITLE	DESCRIPTION		REQUIRED	UPLOAD REQD	COMPLIANCE CHECK	
Engineering Notebook (late example)	Alternative example for notebook delivery		✓	✓	✓	
CPTD	TEAM	FILE/LINK	DUE DATE	COMPLETED DATE	DELIVERED LATE	
✗	#0404 Academy High School		8/25/2023 12:00 AM			
✗	#0402 Bogus2 High School		8/25/2023 12:00 AM			
✓	#0401 Dripping Springs High School	2023_Returnables_Checklist (1).pdf	8/25/2023 12:00 AM	8/30/2023 5:30 PM	Yes	
✓	#0410 Pflugerville High School	BEST_Compitions_Overview_Capitol_print.pdf	8/25/2023 12:00 AM	9/12/2023 9:20 PM	Yes	

**Team Files** – Teams can select the specific deliverable label or the "miscellaneous" label for files to be shared with the team members. The "Visible to hub" checkbox was removed. Deliverables are now clearly marked as Past Due when beyond the due date.

Team Files					
Primary files are shown below. To view all files and upload/delete files, use the Manage Files button. Only files marked as Primary will be available to your hub.					<a href="#">Manage Files</a>
FILE / LINK	DELIVERABLE COMPETITION	DUE DATE	UPLOADED BY	DATE UPLOADED	
Return_Kit_Components_Photos (4).pdf	Engineering Notebook Capitol BEST	9/1/2023 5:00 PM US/Central	Teacher, Greg	8/30/2023 5:29 PM US/Central	
2023_Returnables_Checklist (1).pdf <span style="background-color: yellow;">Delivered Late</span>	Engineering Notebook (late example) Capitol BEST	8/25/2023 12:00 AM US/Central	Teacher, Greg	8/30/2023 5:30 PM US/Central	
test_document2.txt	Miscellaneous		Cauthen, Stephen	9/6/2023 1:25 PM US/Central	
<a href="https://www.google.com">https://www.google.com</a>	Miscellaneous		Cauthen, Stephen	9/6/2023 1:25 PM US/Central	

**BESTedu Link** – a more prominent link to BESTedu has been added to the Team Workflow right-side menu.

- Drivers Scheduler
- Photo Gallery
- Website Design Challenge
- Team Scoring Calculator
- BESTedu



**3D Print Challenge** – a new [map page](#) was created showing teams providing 3D print support for this challenge. Teams are added to this map based on their selection in Team Information panel of Team Workflow.

**Partner Skill Competitions**

**3D Printing Challenge**  
by Prusa Research & BEST

**3D Printing Support Schools**  
by BEST Robotics

For teams participating in the National 3D Printing Challenge but do not currently have 3D printing capability, the following schools have graciously offer support you in your 3D printing activity related to this challenge. Search for a school near you and reach out to them to get your final model printed and photographed for submission. See complete rules related to this challenge in the Partner Skills Competitions panel on your Team Workflow.

