



Hawai'i League Tournament

Dec. 13th, 2025 7:30 am - 4:00 pm

Hawai'i State Championship

Dec. 14th, 2025 7:30 am - 4:00 pm

Hawai'i FIRST Robotics | Honolulu, HI



DECODE™

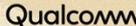


PRESENTED BY  RTX



FIRST®

AGE™

PRESENTED BY  Qualcomm

About *FIRST*



FIRST
LEGO
LEAGUE

GRADES
PreK-8
AGES
4-14

FIRST
TECH
CHALLENGE

GRADES
7-12
AGES
12-18

FIRST
ROBOTICS
COMPETITION

GRADES
9-12
AGES
14-18

FIRST[®] (For Inspiration and Recognition of Science and Technology) was founded in 1989 to inspire young people's interest and participation in science and technology. Based in Manchester, NH, the 501(c)(3) not-for-profit public charity designs accessible, innovative programs that motivate young people to pursue education and career opportunities in science, technology, engineering, and math, while building self-confidence, knowledge, and life skills.

FIRST is More Than Robots.SM *FIRST* participation is proven to encourage students to pursue education and careers in STEM-related fields, inspire them to become leaders and innovators, and enhance their 21st century work-life skills.

“We're not using kids to build robots—we're using robots to build kids.”
-Dean Kamen, founder of *FIRST*

About *FIRST* Tech Challenge

FIRST® Tech Challenge is an exciting, fun, global robotics program for students in grades 7-12. Teams are responsible for designing, building, and programming their robot to compete in an alliance format with and against other teams. The standard robot kit is reusable and can be programmed using a variety of java-based programming languages. Teams compete on and off the playing field for awards that celebrate robot design and performance, community outreach, *Gracious Professionalism*,® and sharing and spreading *FIRST* in their communities. Being on a *FIRST* team empowers students to:

- Think, explore, and project plan like scientists and engineers
- Have a fun, creative, and hands-on STEM experience
- Experiment, iterate, and overcome obstacles
- Apply real life math and science skills
- Build self-esteem and confidence
- 90% of participating students report learning how STEM can solve real world problems



About Hawaii *FIRST* Robotics (HFR)



Hawai'i *FIRST* Robotics [HFR], is a volunteer-run, non-profit organization dedicated to providing FIRST programs for Hawai'i's children in grades 2 to 18. Please support our efforts by volunteering at HFR events or by making a donation. Visit us at www.hawaiiFIRSTrobotics.org for more information. Mahalo!

Hawaii *FIRST* Robotics Sponsors

MAHALO TO OUR SPONSORS!

OFFICE OF INSPIRATION – PLATINUM

ENGINE OF INNOVATION – GOLD

		
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TECH LEADER – SILVER

	
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BRONZE

	
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League Tournament Schedule

LEAGUE TOURNAMENT AGENDA, DECEMBER 13, 2025

7:30 am	Team Check-In, Pits Open, Event setup
8:00 am – 10:00 am	Robot Inspections Judge Interviews Drivers Practice
10:00 am – 10:30 am	Drivers Meeting
10:30 am	Opening Ceremony
11:00 am - 12:30 pm	Qualification Matches & Judge Callback
12:30 pm - 1:30 pm	Lunch Break
1:30 pm - 4:00 pm	Qualification Matches & Judge Callback
4:00 pm	Pits Close, Clean up

* Please note that the tournament schedule might have changed after this program was created. All times are subject to change. For any changes to the event's schedule, check in with Pit Admin.

Qualification Matches

After all teams have gone through their robot inspections, they are randomly assigned into alliances of two teams. A team's alliance partner in one match may be their opponent in another match.

Team Rankings

After all matches, all teams will be ranked from first through last based on their averaged Ranking Points (RPs). Averaged Ranking Points come from the season's 10 best matches, plus the 5 matches played at the League Tournament.

If multiple teams have the same number of ranking points, then the teams will be ranked based on their average AUTO score, followed by the average ENDGAME score.

Advancement To Hawaii Championship

The 20 top-ranked teams will advance to the Hawai'i Championship on December 14, 2025.

State Championship Schedule

STATE CHAMPIONSHIP AGENDA, DECEMBER 14, 2025

7:30 am	Team Check-In, Pits Open
8:00 am	Robot Re-Inspections, Drivers Practice
9:00 am – 12:00 pm	Qualification Matches
12:00 pm – 1:00 pm	Lunch Break
1:00 pm – 1:30 pm	Alliance Selection
1:30 pm - 3:30 pm	Elimination Matches & Awards Ceremony
3:30 pm	Awards & Closing Ceremony
4:00 pm	Pits Close, Clean up

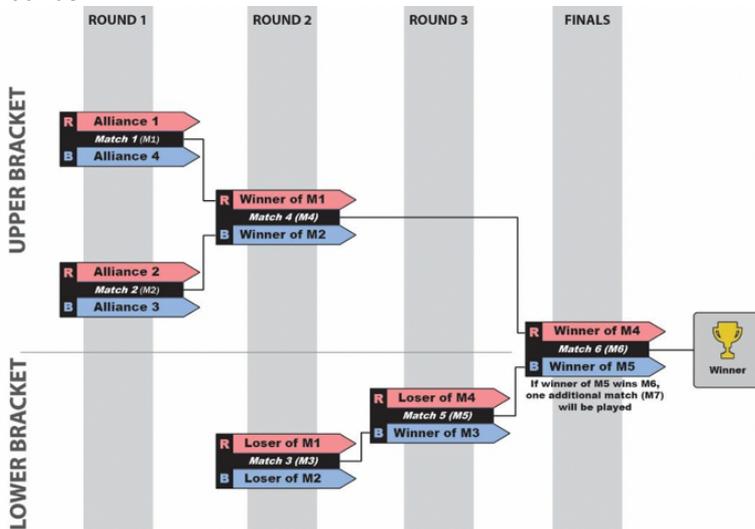
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Qualification Matches

All 20 qualified teams will play 5 qualification matches in randomly selected alliances. The teams will then be ranked based on their qualification match scores from championship only; past league performance scores are not considered.

Elimination Matches

At the end of Qualification Matches, top 4 ranked teams (Alliance Captains) will select their alliance partners to compete in the Elimination Rounds.



FIRST Championship Info

2026 FIRST World Championship Eligibility

Two teams from the Hawaii region advance to the *FIRST* World Championship, in Houston, Texas, based on advancement points.

The 2026 *FIRST* Championship will take place April 29 - May 2, 2026, at the George R. Brown Convention Center in Houston, Texas.

Advancement Points Calculation

Teams earn advancement points through their overall performance, including match play, playoffs and judge interviews.

Advancement points are awarded to teams based on table below.

Category	Advancement Points Earned
Qualification Phase Performance	Normal distribution of points from 16 to 2 across the highest ranked team to the lowest. (This will result in a minimum of 2 points and a maximum of 16 points being awarded for qualification phase performance.)
ALLIANCE lead	Equal to 21 minus the ALLIANCE lead number (e.g., 18 points for ALLIANCE #3 lead)
Draft Order Acceptance	Equal to 21 minus the Draft Order Acceptance number (e.g., 18 points for the team which accepts the third draft position)
Playoff Advancement	40 points for 1 st Place (Winners) 20 points for 2 nd Place (Finalists) 10 points for 3 rd Place 5 points for 4 th Place
Team Judged Awards	60 points for Inspire Award 1 st Place 30 points for Inspire Award 2 nd Place 15 points for Inspire Award 3 rd Place 12 points for all other 1 st Place Awards 6 points for all other 2 nd Place Awards 3 points for all other 3 rd Place Awards

2 Hawaii teams with the *highest and second highest advancement points* are invited to attend the 2026 *FIRST* World Championship. If there is a tie between teams, the higher ranked team will be determined based on Judged Award Points, followed Playoff Advancement Points, if applicable.

In addition to the 2 teams invited to *FIRST* World Championship. Other teams with high advancement points may be invited to attend *FIRST* Premier Events.

New England Premier Event
Mexico Premier Event
Michiana Premier Event Presented by GEARS
Run for the Robots Premier Event
European Premier Event
Chicago Robotics Invitational Premier Event

Canadian Rockies Premier Event @ K Days
Canada Cup - Niagara Premier Event
Istanbul Premier Event
Western Edge Premier Event
Cowtown Invitational Premier Event

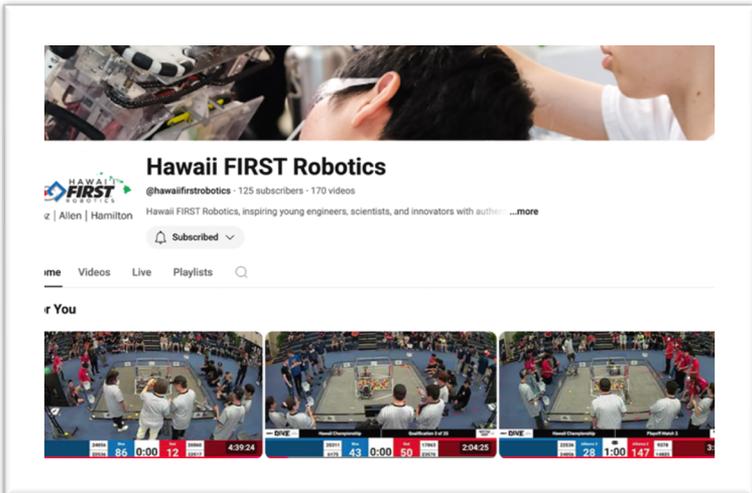
Livestream Info

Livestream Available for both the League Tournament
and the State Championship!
Share with family and friends that can't be here in person!

www.twitch.tv/hawaiiFIRSTrobotics

OR

www.youtube.com/@hawaiiFIRSTrobotics



Or scan the QR Code below

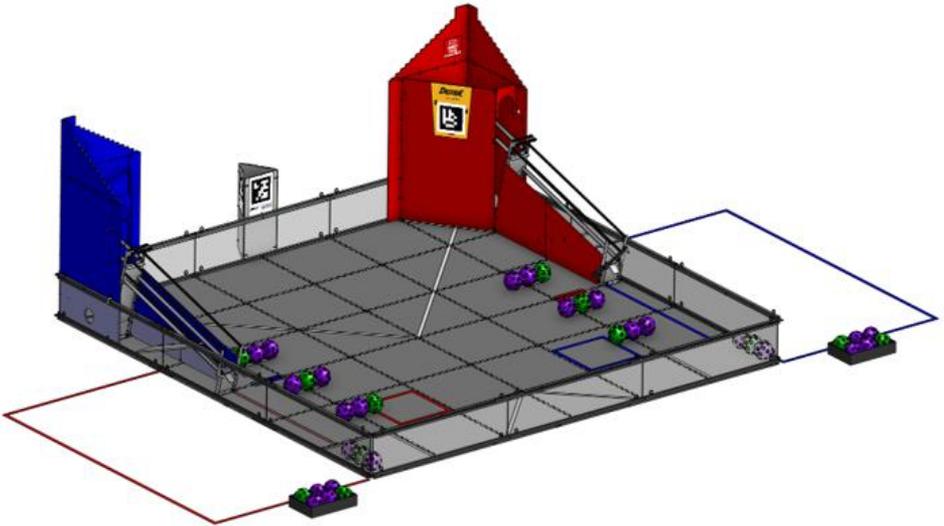


Twitch



YouTube

Game Description



In DECODE™ presented by RTX, 2 competing ALLIANCES of 2 teams each score purple and green ARTIFACTS in their GOAL, build PATTERNS, and race back to their BASE before time runs out.

Just before the match starts, the OBELISK is randomized to show one of 3 MOTIFS. The MOTIF for the MATCH defines what color PATTERN robots try to create on their RAMPS.

During the first 30 seconds of the MATCH, the ROBOTS operate autonomously. ROBOTS can use sensors to decode the randomized MATCH MOTIF. ROBOTS can earn points by scoring ARTIFACTS in their GOAL and building a PATTERN on their RAMP based on the MOTIF. ROBOTS also earn points for moving off the LAUNCH LINE.

During the remaining 2 minutes of the MATCH, human DRIVERS take control of their ROBOT. ROBOTS collect and continue to score ARTIFACTS in their GOAL to earn points. DRIVE TEAM members can retrieve ARTIFACTS from the ALLIANCE'S LOADING ZONE and help their ROBOTS by loading them with ARTIFACTS.

As time runs out, ALLIANCES can work together to return both of their ROBOTS to the BASE. ALLIANCES that build PATTERNS based on the MOTIF at the end of the MATCH earn additional points.

The ALLIANCE that earns the most points wins the MATCH and additional RANKING POINTS can be earned though completing other scoring achievements.

Scan this QR Code for a short video explaining this year's game rules!



2025-2026 Hawaii Teams

2025-2026 Hawaii *FIRST* Tech Challenge Teams

Count	Team #	School / Organization	Team Name	Location	Rookie Year
1	5159	Punahou School	X-Bots	Oahu	2011
2	6175	Punahou School	License to Shred	Oahu	2012
3	6962	Punahou School	Pokébolts	Oahu	2013
4	7438	Mililani High School	Hot Spot Robotics	Oahu	2013
5	8741	Iolani School	Iobotics	Oahu	2014
6	8898	Iolani School	Iobotics	Oahu	2014
7	9378	Kalani High School	Magma Robotics	Oahu	2014
8	13088	Independent	Cyber Saints	Kauai	2017
9	14825	Assets School	Team Waffles	Oahu	2018
10	15168	Mid-Pacific Institute	Wizards of Artifacts	Oahu	2018
11	15236	Mid-Pacific Institute	Banana Bots	Oahu	2018
12	17063	Mililani High School	Hot Pot Robotics	Oahu	2019
13	20059	Punahou School	Pink Rubber Duckies	Oahu	2021
14	20061	Punahou School	27 Zipties	Oahu	2021
15	20062	Punahou School	Defused Kittens	Oahu	2021
16	20063	Punahou School	We Have NOT Nailed It	Oahu	2021
17	20064	Punahou School	Extra Screw	Oahu	2021
18	20076	Le Jardin Academy	Le Jardin Academy	Oahu	2021
19	20311	Island School	Voyagers	Kauai	2021
20	20423	Kalani High School	Obsidian Robotics	Oahu	2021
21	22517	Kapaa High School	RoboWarriors	Kauai	2022
22	22536	Saint Louis School	Crusaders	Oahu	2022
23	23562	Independent	Robo-Techs Hawaii	Oahu	2023
24	23570	Campbell High School	Saber Dynamics	Oahu	2023
25	23647	Saint Louis School	Crusaders 2	Oahu	2023
26	23657	HTA Kauai Campus	HTA Kauai Robotics	Kauai	2023
27	23803	Le Jardin Academy	Ko'olaupoko Robotics	Oahu	2023
28	24056	Saint Louis School	Crusaders 3	Oahu	2023
29	24106	Kaimuki Christian School	KCS MS-1	Oahu	2023
30	24132	Kalani High School	Pumice Robotics	Oahu	2023
31	26666	Mid-Pacific Institute	Whatever	Oahu	2024
32	27495	Independent	Onyx Robotics	Kauai	2024
33	32424	Konawaena High School	Konawaena High School	Hawaii	2025

Awards

INSPIRE AWARD

The highest award that a team can be given. The team that receives this award is a strong ambassador for *FIRST* programs and a role model *FIRST* team. This team is a top contender for many other judged awards and is a gracious competitor. The Inspire Award winner is an inspiration to other teams, acting with Gracious Professionalism® both on and off the playing FIELD. This team shares their experiences, enthusiasm and knowledge with other teams, sponsors, their community, and the JUDGES. Working as a unit, this team will have shown success in performing the task of designing and building a ROBOT.

THINK AWARD

Removing engineering obstacles through creative thinking. This judged award is given to the team that best reflects the journey the team took as they experienced their season. The content within the PORTFOLIO is the key reference for JUDGES to help identify the most deserving team. The team could share or provide additional detailed information that is helpful for the JUDGES.

CONNECT AWARD

Connecting the dots between the STEM community, *FIRST*, and the diversity of the engineering world. This judged award is given to the team that connects with their local science, technology, engineering, and math (STEM) community to learn and adopt new tools through effort and persistence. This team has a team plan and has identified steps to achieve their goals.

REACH AWARD

Sparking others to embrace the culture of STEM through *FIRST*! This award celebrates a team that has introduced and recruited new people into *FIRST*. Through their efforts, they have sparked others to embrace the *FIRST* culture.

SUSTAIN AWARD

Sustainability and planning are essential for a *FIRST* team, because they ensure the program's long-term success. This award celebrates the team that has considered their future team members and has **worked to ensure that their team or program will continue to exist** long after they have gone on to develop their careers.

INNOVATE AWARD sponsored by RTX

Bringing great ideas from concept to reality. The Innovate Award celebrates a team that thinks imaginatively and has the ingenuity, creativity, and inventiveness to make their designs come to life. This judged award is given to the team that has an innovative and creative ROBOT design solution to any specific components in the *FIRST* Tech Challenge game. Elements of this award include design, robustness, and creative thinking related to design. This award may address the design of the whole ROBOT or of a MECHANISM attached to the ROBOT and should work consistently during MATCHES, but does not have to work all the time to be considered for this award.

CONTROL AWARD

The Control Award celebrates a team that uses **sensors and software to increase the ROBOT'S functionality during gameplay**. This award is given to the team that demonstrates innovative thinking and solutions to solve game challenges such as autonomous operation, improving mechanical systems with intelligent control, or using sensors to achieve better results. The solution(s) should work consistently during MATCHES but does not have to work all the time. Solutions considered for this award are not solely limited to the AUTO period of the MATCH and may also be used during TELEOP. The team's PORTFOLIO must contain a summary of the software, sensors, and mechanical control but would not include copies of the code itself.

DESIGN AWARD

The Design Award celebrates the team that **demonstrates an understanding of industrial design principles** by striking a balance between form, function, and aesthetics while meeting the needs of this season's challenge. The design process used should result in a ROBOT which is efficiently designed and effectively addresses the game challenge.

ELIMINATION TOURNAMENT AWARDS

The winning alliance and finalist alliance are both recognized for their achievement in robot game performance.

Alumni & Volunteer Info

Grants and Scholarships for *FIRST* Alumni

Participants and alumni of *FIRST* programs gain access to education and career discovery opportunities, connections to exclusive scholarships and employers, and a place in the *FIRST* community for life. Learn more about scholarships, internships, and alumni opportunities at www.firstinspires.org/alumni. If you're a graduating senior, make sure to register in our dashboard so we can stay in touch!



Mahalo to our Volunteers & Event Hosts

Hawai'i *FIRST* Robotics events are made possible through the support of volunteers who are passionate about empowering the next generation of talented problem solvers and community leaders. The following individuals made this Hawai'i *FIRST* Tech Challenge season possible.

FTC Hawaii Regional Directors/Partners: Aaron Dengler, Blake Uramoto, Peter Han

Volunteer Coordinator: Jenny Uramoto

Event Hosts: Le Jardin Academy, 'Iolani School, Kalani High School, Island School, Punahou School, Mililani High School

Judge Advisor: Teri Nobriga

Judges: Hanno Adams, Brian Catlin, Enrique Che, Kristin Collat, Tim Donlon, Brian Dorepaal, Weyland Kanada, Hanna Kim, Kyla Lee, Hugh Mosher, Sheryl Nojima, Derrick Shiroma, Dale Zane

Head Referee: Tyson Kikugawa

Referees: Joe Baffoe, Brayden Banquil, Sandy Catlin, Charlie Field, Bryson Goto, Cindy Hannah-White, Megan Kobayashi, Chloe Kurashima, Trevor Lau, Kylie Swider, Brent Uramoto, Kaikoa Viveiros

Robot Inspectors: Donnie Banquil, Martian Binonwangan, Jim Dunn, Kevin Durant, Jaycee Hasegawa, Evan Lum

Event Support: Sara Baffoe, Chris Barnhart, Caroline Binonwangan, Chris Butler, Michael Collat, Caleb Crosswell, Olin Darcy, Aaron Dengler, Kenny Diaz, Brian Dunkel, Royce Flora, Greta Gallardo, Dylan Gia-Diep, Emi Hagiwara, Tyron Hamamoto, Melissa Handy, Matt Heahlike, Nohealani Kiakona, Danette Kobayashi, Terrence Lacsamana, Sarah Lee, Daniel Leung, Sarah Nakagaki, Millie Ng, Laura Peterson, Joy Saito, Reese Sekiya, Kristin Smith, Katie Ta, Bonnie Timm, Luana Viveiros, Lili Viveiros, Reid Wakida, Nathan Wenzel, and all the volunteers at this event!

We invite you to volunteer and energize the next generation to build a better future. Learn more at firstinspires.org/ways-to-help/volunteer

FIRST Core Values

Gracious Professionalism[®] is part of the ethos of *FIRST*. It's a way of doing things that encourages high-quality work, emphasizes the value of others, and respects individuals and the community. Through Gracious Professionalism, fierce competition and mutual gain coexist. Participants compete intensely while treating each other with respect and empathy. There is no trash talking, nor disingenuous platitudes. Knowledge, competition, and empathy are comfortably blended. The term was coined by Dr. Woodie Flowers, (1943 - 2019) Executive Advisory Board Chair Emeritus & Distinguished Advisor.

Coopertition[®] fosters innovation by promoting unqualified kindness and respect in the face of intense competition. At *FIRST*, Coopertition means that teams help and cooperate with each other, even as they compete. It's about learning from teammates, teaching others, collaborating with mentors, managing and being managed. Coopertition embodies the spirit of competing while assisting and enabling others whenever possible.