

Game Day

A guide on what to expect at a
Maryland qualifier or championship.

Presented: 2012-09-08

Presenter: FIRST FTC Team 2843

Website: www.ssirobotics.the-spanglers.net

Topics

- Selecting qualifier(s)
- Registration
- Pits
- Inspection
- Judging
- Coach and Driver Meeting
- Opening Ceremony
- Qualifying Rounds
- Scouting
- Food
- Alliance Selection
- Elimination Rounds
- Awards
- Fun
- Useful Links

Selecting Qualifier(s)

- Dates & Locations
 - <http://www.mdfirst.org/programs/first-tech-challenge>
 - <http://www.usfirst.org/whatsgoingon> (Note: The Naval Academy and St. Mary's qualifiers are not shown when the search is limited to events in Maryland.)
- Cost
 - \$150 / Team / Event
 - No additional registration fee for the Maryland FTC Championship

Registration

- Team Roster & Consent and Release Forms
 - Coach registers for season (via TIMS)
 - Student applies (via STIMS)
 - Student and parent/legal guardian receive confirmation e-mail (via personal e-mail)
 - Parent/legal guardian completes user profile (via STIMS)
 - Parent/legal guardian completes consent and release form (via STIMS)
 - Coach accepts student(s) onto the team (via TIMS)
 - Print the team roster (via TIMS)
 - Attach all paper copies to team roster
 - Coach or team leaders bring the team roster and all consent and release forms to the registration table
 - All students and mentors must be on the team roster and/or have a SIGNED consent and release form to participate in the qualifiers and state championship
 - Some events collect the notebooks at registration; some collect them during the team's judging session
 - Receive your driver buttons and information packet Return these to the registration desk before you leave the event.
- Links
 - TIMS
 - <https://my.usfirst.org/ftc/tims/site.lasso>
 - STIMS
 - <http://www.usfirst.org/roboticsprograms/ftc/stims>
 - Hardcopy Consent and Release Form
 - <http://www.usfirst.org/roboticsprograms/frc/first-student-team-information-members-system-and-consent-form>

TIMS

Team Member Roster

[Print Close](#)

Team Information			
Program:	FTC	Season:	2012
Team Number:	2843	Team Location:	Hollywood MD 20636 USA
Team Name:	J. F. Taylor, Inc. / Jahn Corporation & Spangler Software Incredibles Robotics	Team Nickname:	Under The Son

Main & Alternate Team Contacts				
Role	Name	Phone	Email	Consent Form Status
Main Shipping	Lydean Spangler	h: 301-	ssi@the-spanglers.net	Paper
Alternate	David Spangler	w: 301-		Paper

Student Team Members					
Role	Team Member Name	Parent Name	Application Status	Consent Form Status	Consent Form Date Complete

Additional Student Team Members and Mentors Not Listed Above (write in and provide a signed paper Consent & Release

Role - Student/Mentor	Student/Mentor Name	Role - Student/Mentor	Student/Mentor Name

VERY IMPORTANT:

A Team Roster and signed **FIRST** Consent & Release Forms are **REQUIRED** for participation at **ALL** FTC events.

Team Roster

You **MUST** print and bring a copy of your team roster to **ALL** FTC events.

Please review your Team Roster. Every team contact, mentor, and student must be listed on your team roster and should be handed in at your event registration table. If a team contact is not displayed on the Team Roster or a student has not yet applied online to be a team member, please handwrite the student or mentor's name on the bottom part of the Team Roster and a signed paper Consent & Release form will be required at the event.

Consent & Release Forms

Participation at any event is *not guaranteed* until a completed **FIRST** Consent & Release Form is submitted for every team member (mentor and student) attending an FTC event. Student Team Members under 18 must have a parent or legal guardian's signature on their form. If students have completed the consent form electronically, you do not need to bring a paper or printed copy of the consent form for those students, as the Team Roster indicates the form was completed online. If a student chooses to complete the form on paper, please bring the signed paper consent form with your Team Roster to **ALL** FTC events. Adult mentors must complete the paper form.

You **MUST** bring a signed **PAPER** Consent and Release Form to **ALL** FTC events for:


1. Adult Team Mentors
2. If Student Team Members have **NOT** completed electronic Consent & Release form, a signed paper form is required at **ALL** FTC events.

[Click here to download and print the FIRST Consent & Release Form](#)


[Click here for more information on this process.](#)

Student / Roster		Open Aug 02, 2012 12:00 PM - Apr 30, 2013 08:00 PM EST		Back to top
Required Information	Summary	Status	Action	
Student Team Members	0 Students Applied		Edit/View	
Team Roster	Team Leaders MUST bring a printed Team Roster to the registration desk for ALL FTC events. Click here for more information.		View	

STIMS



Student Team Information Member System
(STIMS)



Student Team Member - Team Application

Welcome FIRST Student Team Members!
This Team Member application is intended **ONLY** for FIRST Student Team Members & their Parents / Legal Guardians.
Adult FRC Team Mentors wishing to complete an electronic Consent & Release form should utilize FRC TIMS.

Indicates Required Field

Privacy Notice

Attention: Once a student applies to a FRC or FTC team in STIMS, the student's name and the parent/legal guardian's name, email, and phone number will be shared with the Team Leaders. After the electronic FIRST Consent & Release Form is signed, the student's name, email, and phone number will be shared with the team leaders.

Team

Program

☐ FRC

☒ FTC

Team Number: 2843 Season: 2012

Team Name: J. F. Taylor, Inc. / Jahn Corporation & Spangler Software Incredibles Robotics

Team Nickname: Under The Son


Team Location: Hollywood, MD USA

Birth Date


Birth Date: Month: Day: Year: 14 years old

Cancel

Continue



Student Team Information Member System
(STIMS)



Logged in as: lydean@the-spanglers.net

Main Summary

My Profile

Open Aug 02, 2012 Noon - Apr 30, 2013 08:00 PM EST

Name: Lydean Spangler

User Profile: Complete

lydean@the-spanglers.net

301-373-4827

Edit/View

My Children

Open Aug 02, 2012 Noon - Apr 30, 2013 08:00 PM EST

Name	User Profile	Consent Form Status	Team Application Status
Mary Spangler	Complete	Accepted	FTC Applied
mary@the-spanglers.net	<div>Edit/View</div>	<div>Edit/View</div>	
301-373-4827			

What's New

STIMS open for 2012-2013 FRC & FTC Season

Terms & Conditions

Privacy Policy

Session Timer: 00:10 / 30:00

Attention: Once a student applies to a FRC or FTC team in STIMS, the student's name and the parent/legal guardian's name, email, and phone number will be shared with the Team Leaders. After the electronic FIRST Consent & Release Form is signed, the student's name, email, and phone number will be shared with the team leaders.

Team

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☐ FRC

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Team Nickname: Under The Son

Team Location: Hollywood, MD USA

Birth Date

Birth Date: Month: Day: Year: 14 years old

Name

First Name:

Email Address

Your email address will be used as your login id.

Email:

Telephone Number

Telephone Number: (U.S./Canada citiz code. Other citizen code and city code)

Telephone Type: Home Phone

Secondary Telephone Number: (U.S./Canada citiz code. Other citizen code and city code)

Secondary Telephone Type: Mobile Phone

Parent / Legal Guardian Contact Information

Parent / Legal Guardian Name

First Name:

Parent / Legal Guardian Email Address

Email:


☐ My parent / guardian does not have access to email.

Parent / Legal Guardian Telephone Number


Telephone Number: (U.S./Canada citizens, please include area code. Other citizens, please include country code and city code.) Ext. (Extension is Optional)

Cancel

Apply to Team



Student Team Information Member System
(STIMS)



Thank You

Thank You

Thank you for applying to your FIRST team, FTC Team 2843.
Please **check your email** now to activate your user account.
Please ask your **parent/legal guardian to check their email now** to activate their parent user account and complete the FIRST Consent & Release Form.
You will be notified when the team's Main/Alternate contact has accepted your application.
A signed Consent & Release form is required for participation. You will also be notified when your Consent & Release form is signed.

OK

Privacy Policy

Pits

- Bring your own safety glasses.
 - Safety glasses are required to be worn in the pit at all times
- It is recommended that you bring a power strip for robot and NXT batteries and to charge your laptop
- Tablecloths, displays, banners, and swaps make the pit area a social gathering place
- At least one team member should remain in the pit
 - Judges often visit the pit after the judging session.
 - Visitors may have questions for the team.
 - Note that all team members are expected to attend the opening ceremony.

Inspection

- There are three types
 - Hardware
 - Software
 - Field
- Hardware and software can happen in any order, but field inspection must happen last
- Bring your Bill of Materials
 - Making two copies is recommended
 - One for the engineering notebook
 - One for inspection

Inspection Tips

- Self-Inspection
 - Use the inspection in the game manual BEFORE attending the event
- Size Limitation (Game rule RG04)
 - The robot must fit in the cube available at the event.
 - Maximum size is 18X18X18
- Power Switch (Game rule RG05)
- Robot battery and NXT battery (Game rule RG06, RG10)
 - Batteries must be securely attached to the robot
 - Only one battery per robot (TETRIS or MATRIX, but not both)
 - Only one NXT battery per robot
 - Sensor/Touch Multiplexor
 - Battery allowed for visible light LEDs
- Samantha & NXT (Game rule RG07)
 - Must be mounted in an accessible and visible location
 - Must be accessible and visible
- Flag Holder (Game rule RG08)
- Robot Numbers (Game rule RG09)
 - Need to be 3" tall and 1/2" stroke with a contrasting background on at least two opposite sides
 - Durable enough to withstand game play
- Software & Firmware (Game rules RS03, RS04, RS05, RS06)
 - RobotC Firmware 9.0 or later; Labview Firmware 1.31 or later)
 - Samostat must be installed before inspection
 - Program Chooser must be installed before inspection
 - Sleep Timer needs to be set to never

Read the game
rules carefully

Judging

- Notebooks
 - Some events collect the notebooks at registration; some collect them during the team's judging session
 - Collect your team's notebooks before leaving the event.
- Schedule
 - Some events have judging before qualifying rounds; some have judging during qualifying events
- Pit
 - Displays help the judges (and other volunteers, visitors, etc.) become familiar with your team
 - After formal judging, judges will contact teams in the pit.
- Qualifying Matches
 - At many events, a judge will be assigned to watch the matches.
 - Consistent performance will be scored during the qualifying matches.
- Remember that awards are given for characteristics other than robot performance.
 - Practice your presentation many times before the event, so everyone feels comfortable.
 - Everyone should be aware of all parts of the team: robot, outreach, etc.

Coach and Driver Meeting

- Meet key volunteers
- It is usually located near the competition fields
- Topics
 - Clarify Rules
 - Read the game rules before attending the meeting
 - Have specific questions
 - Question Box - Only students will be allowed to present concerns; adults will be asked to leave
 - Queuing Area - Usually near the competition fields

Opening Ceremony

- It is usually located near the competition fields.
- Speakers
 - Host
 - Event Sponsor(s)
- National Anthem
- ALL team members should be present

Qualifying Rounds

- Match schedules are not generated until ALL teams on the event's roster are registered or have contacted a leading volunteer
 - If you can't arrive to the event before the event starts, contact the host, Bill Duncan, Kevin Rudd, or Rose Young.
 - If you decide to skip the tournament, contact the host, Bill Duncan, Kevin Rudd, or Rose Young.
 - This is VERY IMPORTANT; attending teams anxiously wait for the match schedule, and if you are on the event roster (whether you have paid or not), contact someone at the tournament.
- Number
 - Plan to have between 5 and 7 rounds.
 - Spare batteries are recommended
 - Charge your batteries between rounds
 - Bring your own chargers
 - Bringing extra power strips is recommended
- Queuing
 - Bring your robot, robot battery, NXT, NXT battery and safety glasses
 - Arrive BEFORE your match is scheduled
 - You are not allowed to place your robot on the field after the countdown has started
 - Matches may run early – pay attention
 - Treat queuers with respect – they are volunteering their time – don't rely on them to notify you, they serve as a reminder ONLY
- Representatives
 - If your robot is not functional, send a team member to the match
 - Your alliance partner will at least know why your robot is not there.
 - Your team earns ranking points, if your alliance mate wins.
 - Your team may NOT be allowed to send a representative to a match, if your robot has not yet passed inspection.

Scouting

- Recording information about other teams will help during alliance selection
 - Even if you aren't able to select teams, a selecting team may benefit from your information
 - The information could include
 - Gracious Professionalism – on and off of the field
 - Durability
 - Scoring Ability
 - Sensor Support
 - Etc.
- Remain in the main seating area, don't edge up to the field.

Food

- There will be very little time for lunch and lunch time depends on match times.
- Check with the host to determine whether the event is offering prepackaged food.
- Plan ahead by searching for nearby restaurants.
- Use this time to gather as a team and celebrate your season.
- Consider packing snacks for consumption throughout the day.

Alliance Selection

- Qualifier Sizes
 - Qualifiers
 - Usually the top four ranked teams choose one other team to join the alliance.
 - Championship
 - Usually the top four ranked teams choose two other teams to join the alliance.
- Selection Order
 - Alliance captain 1 chooses, then 2, then 3, and then 4.
 - Alliance captain 1 chooses a second pick*, then 2, then 3, and then 4.
 - Alliance captains can choose other alliance captains
 - If the lower ranked captain accepts, then lower ranked teams move up (have scouting info ready);
 - If the lower ranked captain declines, then they must decline all other offers; captains may decline without losing their ranking.

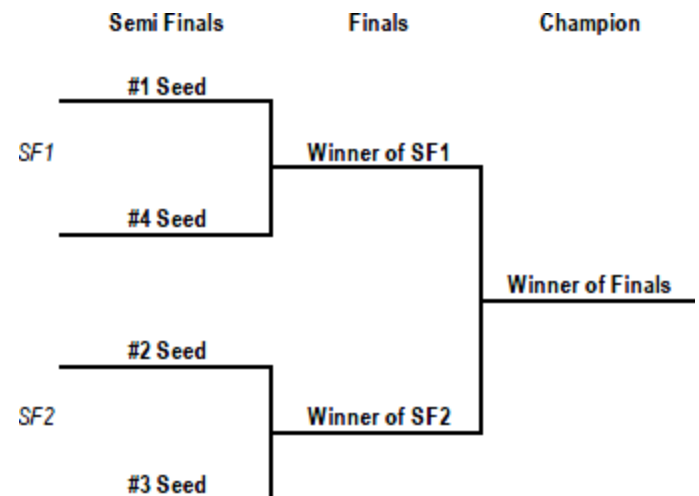
Elimination Rounds

- Semi-Finals

- The number 1 ranked alliance and number 4 ranked alliance play the first match.
- The number 2 ranked alliance and number 3 ranked alliance play the second match.
- The number 1 and 4 alliance will play again. If an alliance wins two matches, then that alliance proceeds to the finals.
- The number 2 and 3 play again. The best 2 out of 3 proceeds to the finals.

- Finals

- The winners of the semi-finals play.
 - The best 2 out of 3 become the winning alliance.
 - The other alliance becomes the finalist alliance.



Awards

- Visit <http://www.usfirst.org/roboticsprograms/ftc/awards-0> for complete descriptions of the awards.
- Judged Awards
 - Inspire Award
 - Connect Award
 - Motivate Award
 - Promote Award
 - Think Award
 - PTC Design Award
 - Rockwell Collins Innovate Award
- Performance Based Awards
 - Finalist Alliance Award
 - Winning Alliance Award

Fun

- Uniforms/Costumes
 - Show your team spirit
- Chants/Cheers
 - Encourage your team during matches
- Dancing
 - Kickit (<http://www.kickit.to/ld/Search.html>)
 - Step Sheets
 - Video Links
 - YouTube also has some videos
 - <http://www.youtube.com/watch?v=7uKNL0Udbe0>
- Swaps
 - Buttons, Bracelets, Necklaces, Charms, LEGO figures, etc.
 - Attendance varies – There may be up to 450 people.

Useful Links

- Slide Copies
 - www.ssirobotics.the-spanglers.net (Click on Journal, then click the 'Kick-Off ' icon)
- US FIRST (www.USFIRST.org)
 - Mentor Guide
 - http://www.usfirst.org/sites/default/files/uploadedFiles/Robotics_Programs/FTC/FTC_Documents/FTC_MentorGuide_2012.pdf
 - Events and Teams in My Area
 - <http://www.mdfirst.org/programs/first-tech-challenge>
 - <http://www.usfirst.org/whatsgoingon>
 - Team Management
 - TIMS
 - <https://my.usfirst.org/ftc/tims/site.lasso>
 - STIMS
 - <http://www.usfirst.org/roboticsprograms/ftc/stims>
 - Hardcopy Consent and Release Form
 - <http://www.usfirst.org/roboticsprograms/frc/first-student-team-information-members-system-and-consent-form>
 - Awards
 - <http://www.usfirst.org/roboticsprograms/ftc/awards-0>
- Other
 - Dancing
 - <http://www.kickit.to/ld/Search.html>