



**Welcome – and thank you for your interest in FIRST Tech Challenge...**

The FIRST Tech Challenge (FTC) robotics competition is an intermediate program that provides an affordable, accessible opportunity for all high schools to participate in FIRST. Aimed at high school-aged youth, teams create robots to compete in an annual challenge geared around real-world robotic problems in a fun and fast-paced game.

Teams are not only judged how their robots perform on the field, but in other ways as well including: teamwork and Gracious Professionalism, the engineering process they followed, how they connect with their communities, and how they think outside the box. FTC is one of four FIRST Robotics Programs. Each is targeted to different age groups and needs.

#### **How FTC Works**

- Teams are composed of young people, ages 12-18 (Grades 7-12).
- Adult coaches and mentors are involved with assisting the students in most areas
- Teams use a modular, reusable robotics kit that includes everything teams need to compete including: a complete metal set, robot controller, motors, sensors, gaming controllers, rechargeable batteries and chargers, and software.
- Teams come from public, private, or home-schools; after-school groups, churches, civic and neighborhood groups. Teams solicit support from their community and corporate sponsors.

#### **FTC NJ League / Conference Structure**

##### **North East Edge League**

- North East Conference: Hudson, Union, North Essex (Caldwell, Livingston, Montclair, Nutley)
- South Essex Conference: Bloomfield, Maplewood, Millburn, Newark, South Orange, West Orange)

##### **Northern League**

- Far North Conference: Warren, Sussex, Passaic, West Bergen (Glen Rock, Ramsey, Ridgewood, Saddle River, Township of Washington)
- East Bergen Conference: (Cliffside Park, Cresskill, Demarest, East Rutherford, Emerson, Englewood, Hackensack, Lodi, Oradell, Paramus, Park Ridge, Rutherford, Tenafly)

##### **Upper Central League**

- Central Conference: Hunterdon, Somerset, Middlesex
- Morris County Conference: Morris (All)

##### **Southern League**

- Upper South Conference: Mercer, Monmouth, Ocean
- Deep South Conference: Atlantic, Burlington, Camden, Cape May, Gloucester, Cumberland, Salem

#### **For On-Line Information**

[www.firstinspires.org](http://www.firstinspires.org) – follow the links for the FIRST Tech Challenge

[www.NewJerseyFTC.com](http://www.NewJerseyFTC.com) – for NJ Events and announcements

[Like us on NJFTC Facebook!](#)

#### **Contact information**

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**FTC NJ Program Sponsor**



# New Jersey FIRST Tech Challenge: Season 2022 / 2023

(Planned Events in Green, Confirmed Events in Black, New Confirmations in Blue, Completed Events in Auburn ...text, below)

## Listed by Calendar Date

### ● FTCNJ OUTREACH EVENTS

- 07/17/22 Central NJ Outreach; Highland Park High School, 102 N 5th Ave, Highland Park, NJ 08904
- 07/23/22 Northern NJ Outreach; Grace Church on the Mount - Randolph Campus, 758 NJ-10, Randolph, NJ
- 07/24/22 Southern NJ Outreach; P.A.L. of Atlantic County & EHT, 2542 Ridge Avenue, Egg Harbor Township, NJ

### ● MULTI-TRACK WORKSHOPS

- 08/20/22 FTC NJ Multi-Track Workshops; Kean University, 1000 Morris Avenue, Union, NJ
- 09/24/22 FTC NJ Multi-Track Workshops; Moorestown Friends School, 32 East Main St, Moorestown, NJ

### ● KICK-OFF EVENT

- 09/10/22 Northern NJ Kick-Off Event & Game Reveal; Livingston High School, Livingston, NJ
- 09/10/22 Southern NJ Kick-Off Event & Game Reveal; Hightstown High School, 25 Leshin Lane, Hightstown, NJ 08520

### ● PRACTICE DAYS

- 10/15/22 Practice Day 1 – Payne Tech, 498 West Market St, Newark, NJ
- 10/16/22 Practice Day 2 - Toms River High School North, 1245 Old Freehold Rd, Toms River, NJ
- 10/23/22 Practice Day 3 – Central NJ – Highland Park High School, 102 N 5th Ave, Highland Park, NJ

### ● PERIOD #1 – EARLY & HOLIDAY MEETS

- 10/29/22 Halloween Saturday – Meet (Northeast Edge League) – Governor Livingston High School, 175 Watchung Blvd, Berkeley Heights, NJ
- 10/30/22 Halloween Sunday – Meet (Northern League) – Bergen Catholic HS, 1040 Oradell Avenue, Oradell, NJ
- 11/05/22 Saturday Meet (Northern League); Don Bosco Prep High School, 492 Franklin Turnpike, Ramsey, NJ
- 11/06/22 Sunday Meet (Upper Central League); Hillsborough High School, 466 Raider Blvd, Hillsborough Township, NJ
- 11/12/22 Saturday Meet (Southern League); Howell High School, 405 Squankum Yellowbrook Rd, Farmingdale, NJ
- 11/13/22 Sunday Meet (Northeast Edge League); Westfield High School, 550 Dorian Road, Westfield, NJ
- 11/26/22 Thanksgiving Saturday – Meet (Upper Central League); - Grace Church on the Mount - Randolph Campus, 758 NJ-10, Randolph, NJ
- 11/27/22 Thanksgiving Sunday – Meet (Southern League); Girl Scouts of Jersey Shore PAC, 127 Yellowbrook Rd, Farmingdale, NJ

### ● PERIOD #2 – MID SEASON MEETS

- 11/19/22 Saturday Meet (Northern League); - Ridgewood High School, 627 E Ridgewood Ave, Ridgewood, NJ
- 11/20/22 Sunday Meet (Upper Central League); - Site Pending (Morris County Area)
- 12/03/22 Saturday Meet (Northeast Edge League); Essex County West Caldwell Tech, 620 Passaic Avenue, West Caldwell, NJ
- 12/04/22 Sunday Meet (Southern League); Southern Scuffle @ Williamstown Middle School, Williamstown, NJ
- 12/10/22 Saturday Meet (Upper Central League); - Site Pending (Morris County Area)
- 12/11/22 Sunday Meet (Northern League); Cliffhanger @ Cliffside Park Middle School is 440 Oakdene Avenue, Cliffside Park, NJ
- 12/17/22 Saturday Meet (Southern League); Clearview Regional Middle School, 595 Jefferson Road, Mullica Hill, NJ
- 12/18/22 Sunday Meet (Northeast Edge League); - Scotch Plains-Fanwood HS, 667 Westfield Rd, Scotch Plains, NJ

### ● PERIOD #3 – LATE SEASON MEETS

- 01/07/23 Saturday Meet (Northern League); Liberty Science Center, 222 Jersey City Blvd, Jersey City, NJ
- 01/08/23 Sunday Meet (Upper Central League); Pingry School, 131 Martinsville Road, Basking Ridge, NJ
- 01/14/23 Saturday Meet (Northeast Edge League); Millburn High School, 462 Millburn Avenue, Millburn, NJ
- 01/15/23 Sunday Meet (Southern League); P.A.L. of Atlantic County & EHT, 2542 Ridge Avenue, Egg Harbor Township, NJ
- 01/21/23 Saturday Meet (Upper Central League); Chatham High School, 255 Lafayette Street, Chatham, NJ
- 01/22/23 Sunday Meet (Northern League); Blair Academy, 2 Park Street, Blairstown, NJ
- 01/28/23 Saturday Meet (Southern League); Stuart Country Day School of the Sacred Heart, 1200 Stuart Rd, Princeton, NJ
- 01/29/23 Sunday Meet (Northeast Edge League); Livingston High School, 30 Robert Harp Dr, Livingston, NJ

### ● Dean's List Program

- Jan 15<sup>th</sup> Deadline for Dean's List Nominations

### ● LEAGUE TOURNAMENTS

- 02/04/23 Upper Central League (Morris County Conference); Delbarton School, 230 Mendham Road, Morristown, NJ
- 02/05/23 Northeast Edge League (Northeast Conference); Perfect Swarm @ Bayonne High School, 669 Ave "A", Bayonne, NJ
- 02/11/23 Northern League (Far North Conference); Rock Slide @ Glen Rock High School, 400 Hamilton Ave, Glen Rock, NJ
- 02/12/23 Southern League (Upper South Conference); Snow Day Showdown @ Hightstown High School, 25 Leshin Lane, Hightstown, NJ
- 02/18/23 Northeast Edge League (South Essex Conference); Payne Tech, 498 West Market St, Newark, NJ
- 02/19/23 Upper Central League (Central); Kean University, 1000 Morris Avenue, Union, NJ
- 02/25/23 Southern League (Deep South Conference); North Burlington County Middle School, 160 Mansfield Road East, Columbus, NJ
- 02/26/23 Northern League (East Bergen Conference); Emerson Jr. Sr. High School, 131 Main St, Emerson, NJ

### ● CHAMPIONSHIPS

- 03/12/23 FTCNJ Championship Tournament @ Morris Knolls High School, 50 Knoll Drive, Morris Knolls, NJ
- Apr 19-22 FIRST Tech Challenge World Championship; Houston, Texas, April 19-22, 2023

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## Meets Listed by League

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- **10/23/22** Practice Day 3 – Central NJ – Highland Park High School, 102 N 5th Ave, Highland Park, NJ

### NORTHERN LEAGUE MEETS

- **Period #1**
- **10/30/22** Halloween Sunday Meet (Northern League); Bergen Catholic HS, 1040 Oradell Avenue, Oradell, NJ
- **11/05/22** Saturday Meet (Northern League); Don Bosco Prep High School, 492 Franklin Turnpike, Ramsey, NJ
- **Period #2**
- **11/19/22** Saturday Meet (Northern League); Ridgewood High School, 627 E Ridgewood Ave, Ridgewood, NJ
- **12/11/22** Sunday Meet (Northern League); Cliffhanger @ Cliffside Park Middle School is 440 Oakdene Avenue, Cliffside Park, NJ
- **Period #3**
- **01/07/23** Saturday Meet (Northern League); Liberty Science Center, 222 Jersey City Blvd, Jersey City, NJ
- **01/22/23** Sunday Meet (Northern League); Blair Academy, 2 Park Street, Blairstown, NJ

### NORTHEAST EDGE LEAGUE MEETS

- **Period #1**
- **10/29/22** Halloween Saturday Meet (Northeast Edge League); Governor Livingston High School, 175 Watchung Blvd, Berkeley Heights, NJ
- **11/13/22** Sunday Meet (Northeast Edge League); Westfield High School, 550 Dorian Road, Westfield, NJ
- **Period #2**
- **12/03/22** Saturday Meet (Northeast Edge League); Essex County West Caldwell Tech, 620 Passaic Avenue, West Caldwell, NJ
- **12/18/22** Sunday Meet (Northeast Edge League); Scotch Plains-Fanwood HS, 667 Westfield Rd, Scotch Plains, NJ
- **Period #3**
- **01/14/23** Saturday Meet (Northeast Edge League); Millburn High School, 462 Millburn Avenue, Millburn, NJ
- **01/29/23** Sunday Meet (Northeast Edge League); Livingston High School, 30 Robert Harp Dr, Livingston, NJ

### UPPER CENTRAL LEAGUE MEETS

- **Period #1**
- **11/06/22** Sunday Meet (Upper Central League); Hillsborough High School, 466 Raider Blvd, Hillsborough Township, NJ
- **11/26/22** Thanksgiving Saturday – Meet (Upper Central League); Grace Church on the Mount - Randolph Campus, 758 NJ-10, Randolph, NJ
- **Period #2**
- **11/20/22** Sunday Meet (Upper Central League); - Site Pending (Morris County Area)
- **12/10/22** Saturday Meet (Upper Central League); - Site Pending (Morris County Area)
- **Period #3**
- **01/08/23** Sunday Meet (Upper Central League); Pingry School, 131 Martinsville Road, Basking Ridge, NJ
- **01/21/23** Saturday Meet (Upper Central League); Chatham High School, 255 Lafayette Street, Chatham, NJ

### SOUTHERN LEAGUE MEETS

- **Period #1**
- **11/12/22** Saturday Meet (Southern League); Howell High School, 405 Squankum Yellowbrook Rd, Farmingdale, NJ
- **11/27/22** Thanksgiving Sunday Meet (Southern League); Girl Scouts of Jersey Shore PAC, 127 Yellowbrook Rd, Farmingdale, NJ
- **Period #2**
- **12/04/22** Sunday Meet (Southern League); Southern Scuffle @ Williamstown Middle School, Williamstown, NJ
- **12/17/22** Saturday Meet (Southern League); Clearview Regional Middle School, 595 Jefferson Road, Mullica Hill, NJ
- **Period #3**
- **01/15/23** Sunday Meet (Southern League); P.A.L. of Atlantic County & EHT, 2542 Ridge Avenue, Egg Harbor Township, NJ
- **01/28/23** Saturday Meet (Southern League); Stuart Country Day School of the Sacred Heart, 1200 Stuart Rd, Princeton, NJ

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