

West Salem
Robotics end
of the Year
Celebration
2015-2016



Thank You 2015-2016 Sponsors



- Platinum Sponsor
 - Whitman Farms and Nursery

Thank You 2015-2016 Sponsors

- Gold
 - Brian and Joan Kirkpatrick
- Silver
 - Richie's Chevron
 - Larry Tokarski: Mountain West
 - West Salem Education Foundation
 - Tilley's Construction



Thank You 2015-2016 Sponsors

- Bronze

- Figaros Pizza
- Les Schwab Tires of West Salem
- Robert and Joyce Trout
- Saalfeld Griggs, P.C.
- Raymond Ramsey
- Norpac
- Norvac



- Supporting

- Henry Lei
- Kilfoil Family
- Quality Gas
- Clear Ballot
- Ruby Tilley



Sound counsel. Smart business.



- General

- Albert and Claire Dierkes
- Clara Bricher



Clear Ballot

Volunteers of the Year

- Anne Kirkpatrick



Volunteers of the Year

- Suderman Family



Volunteers of the Year



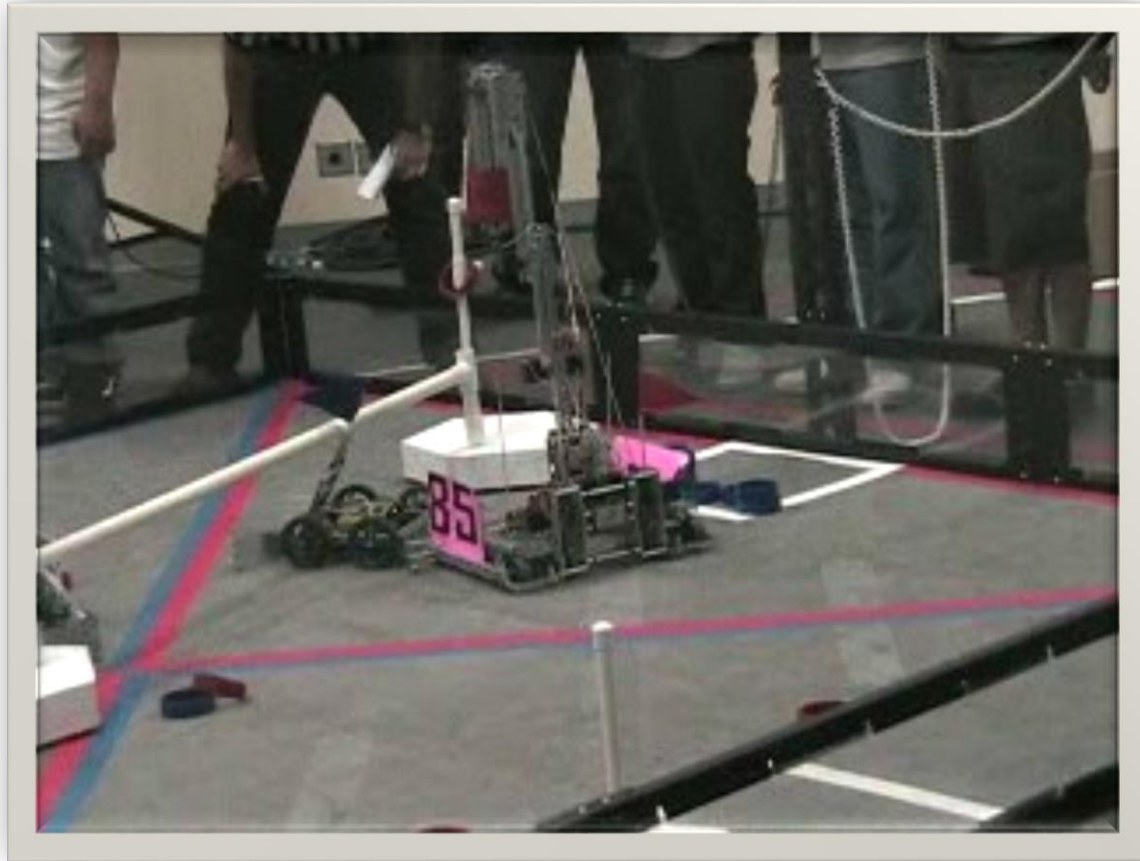
- The Trout Family

Putting this year in context

- A few West Highlights

History: FIRST VEX Challenge (FVC) at West 2007-2008

- West's first FVC team
- Team 278
- 1-2-0



FIRST Tech Challenge 2008-2009

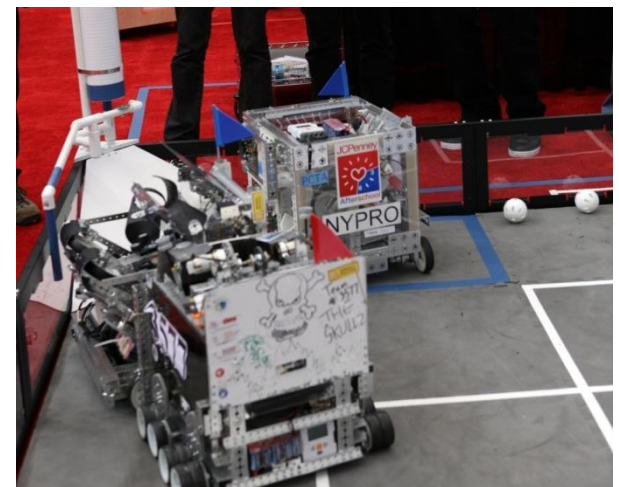
- Three Teams
- Team 3235
 - 6th place finishing alliance
- Team 3237
 - 4th place finishing alliance
- Team 278
 - Second place finishing alliance.

Team 3237 Alliance vs. Team 278 Alliance in a semifinal match.



2009-2010

- Three FTC Teams
 - 3237 Captain State Champions
 - 3577 First Pick: State Champion, Division Semi-Finalist at Worlds
 - 278 Second Pick: State Champions
- One VEX Robotics Team
 - 278: Competed in Sandy
- Moved from a club to a class



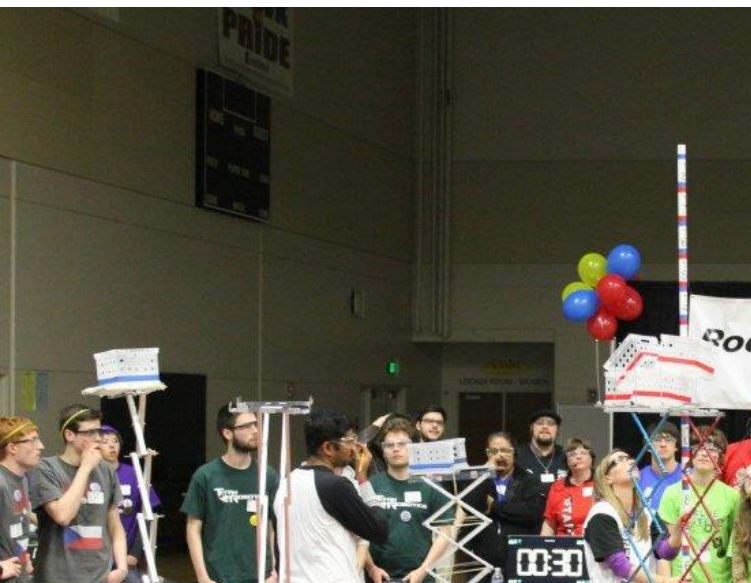
2010-2011: Program Grows

- Five VEX Teams
 - 278C Qualifies for Worlds
 - 2990A Qualifies for Worlds
- Two FIRST Tech Challenge Teams
 - 3237 State Champions
 - Semi-finalist at Worlds



THE VEX DOME

ANAHEIM CONVENTION CENTER ARENA



2011-2012

- FTC
- Four qualifying tournament champions
- Two PTC Design award winners
- One Think Award
- Two qualified for state championship tournament
- One robot made it to the finals.

- VEX
- **Two High School teams (278C/D) and one Middle School (2990A) team qualified for and competed at the World Championship.**
- **278D Division quarterfinalist at Worlds**
- **2990A Middle School team division semifinalist.**

2012 - 2013

• FTC

– 3237:

- Winning Alliance Captain Qualifying Tournament
- Competed at state championship

– 3115

- Finalist in two qualifying events
- 3rd Place Inspire at Qualifying Event
- Competed at State Championship

• VEX

– 278D

- **Excellence at Sandy**
- Finalist at Sandy (2nd)
- Semifinalist at State
- **Competed at Worlds**
 - 3-7-0 Ranked 70th of 84.

– 278G

- Drivers Skills
- **Excellence Award**
- **State Champion**
- **Competed at Worlds**
 - 5-5-0 Ranked 42nd of 84 Teams.

– 2990A

- **State Champion**
- **Competed at Worlds**
 - 6-3-1 Ranked 19th of 84 Teams

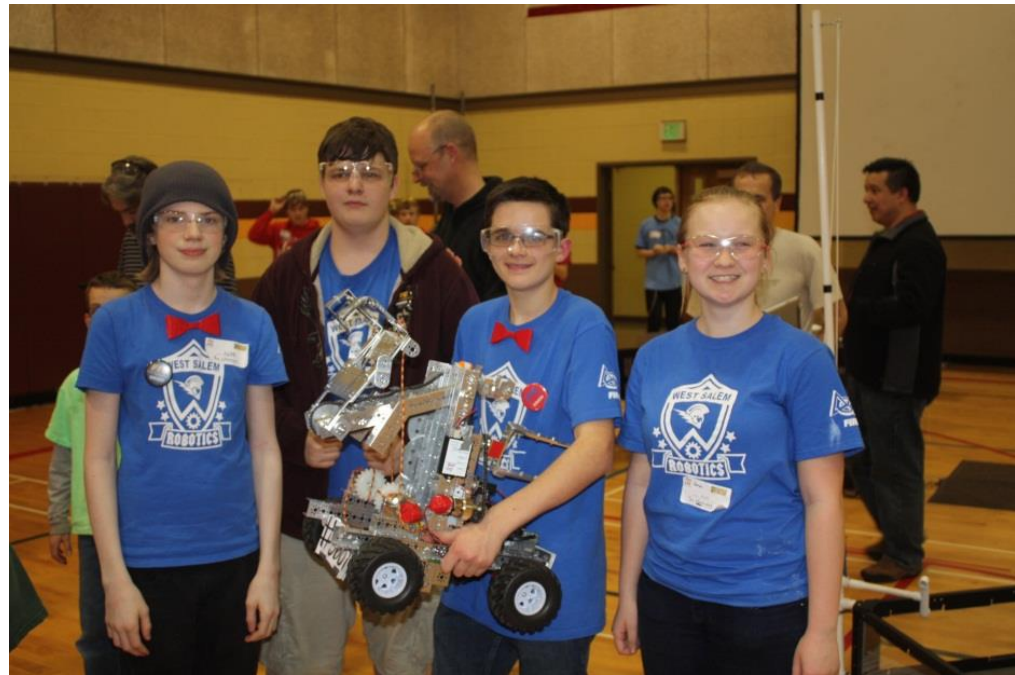


2013-2014 FTC

- 3237 Corsairs
 - Competed at Tigard and Junction City
- 3577 Sentinels
 - Competed at Tigard and Junction City



- 5688 Whovians
 - Finalist at the Tigard Tournament
 - Champion at Junction City Tournament
 - Competed at FTC State Championship



2013-2014 VEX



- 278G Helios
 - Platinum Division Quarterfinalist
- 2990A Kronos
 - **Top 30 Programming Skills Score**
 - **At Worlds Ranked 2nd of 86 teams in the Technology Division**
 - **World Championship division Quarterfinalist**
 - **Ranked 21st of 227 teams in Robot Skills at the World Championship.**
- 2990B Atlas
 - Platinum Division Semifinalist at State.

- 278A Helios
 - **Oregon Excellence Award Winner**
 - **Competed at Worlds (3-6-1) ranked 65th of 86 teams**
- 278B Hekate
 - Platinum Division Quarterfinalist at State
- 278C Super...Team6
 - Platinum Division Semifinalist at State
- 278D Oceanus
 - **Excellence at Salem Tournament**
 - Gold division Champion at State
 - Competed in **Nebraska at the US Create Open**



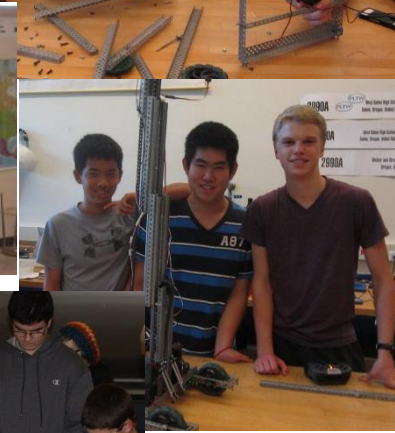
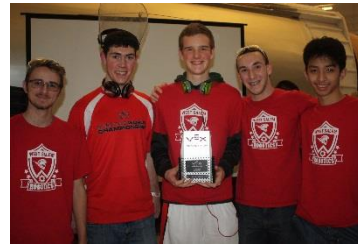
2014-2015 FTC

- Team 5688
 - Captain 4th seeded alliance at OSU
 - Advances to 'Superqualifier'



2014-2015 VEX

- **278A: State Excellence Award Winner. (3x Excel. Award, 1x Judges Award)**
- 278B: Design Award at Qual Tourney
- 278C: State ranked 18 of 43.
- 278D: State Programming Skills Champ.
- 278G: Qual Tourney Champ.
- 2990 A: 3x Qual Tourney Champ, 1x Qual Tourney Design Awd
- **2990B: State Champ, State Judges, Qual 3x Champ, 1x Excel)**
- 2990D: Qual Sportsmanship, Qual Robot Skills



2015 VEX Worlds



Karthik Sightings

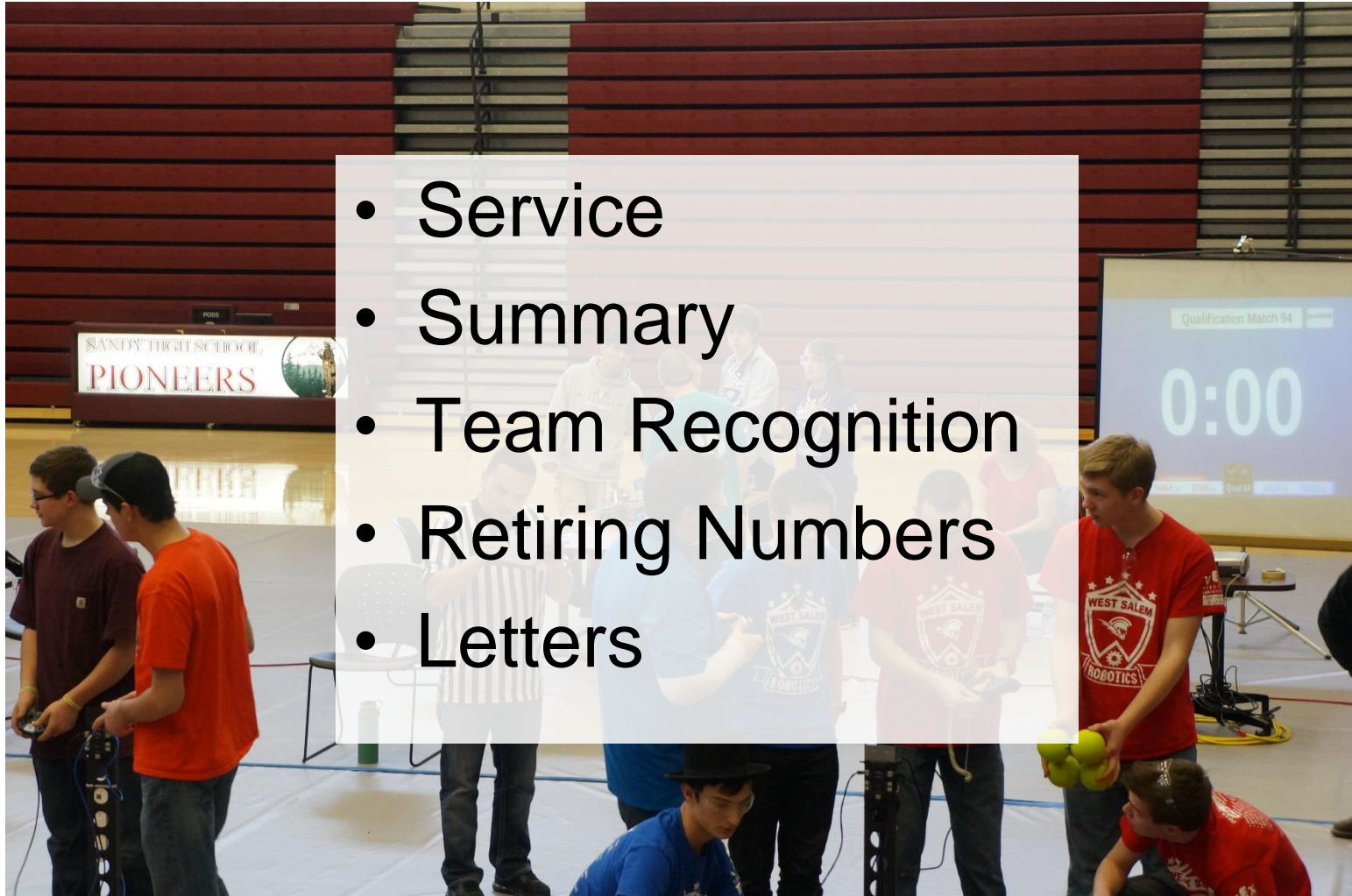


2014-2015 Worlds



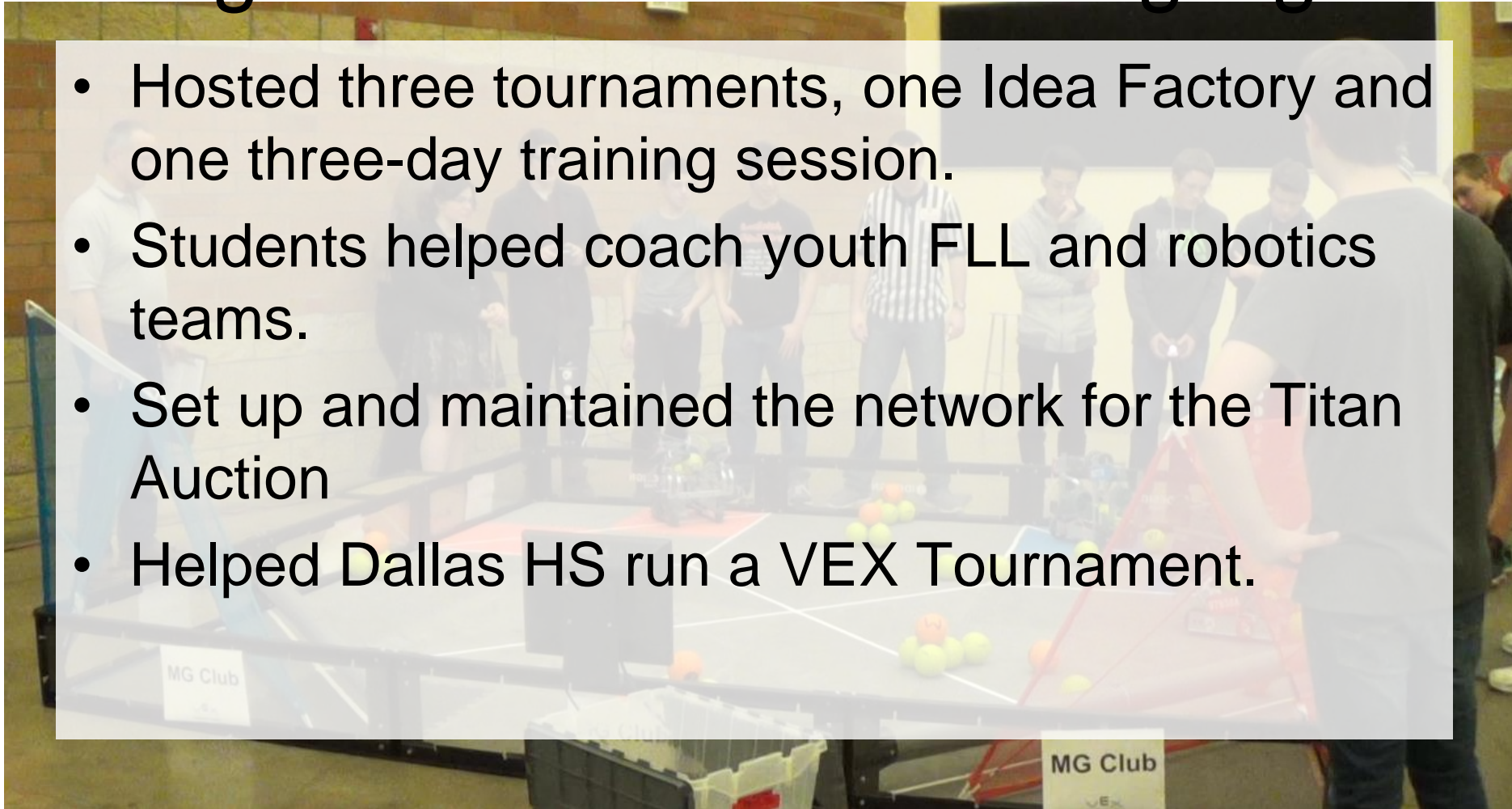
Now 2015-2016

- Service
- Summary
- Team Recognition
- Retiring Numbers
- Letters



2015-2016: Regular Season Service Highlights

- Hosted three tournaments, one Idea Factory and one three-day training session.
- Students helped coach youth FLL and robotics teams.
- Set up and maintained the network for the Titan Auction
- Helped Dallas HS run a VEX Tournament.



Service Highlight: Hosted Robotics Assembly at Hallman Elementary



Oregon Performance Highlights

- Seven West Salem High School Teams Competed.
- One Sportsmanship Award
- Four Design Awards
- Four Tournament Finalists
- Three Tournament Champions
- Four Excellence Awards



State Championship

- Six Teams Competed in the 55 team event.
- All six made it to the Platinum Division Elimination Rounds
- Three of the teams were Captains
- Three teams made it to Quarter Finals
- One Team to Semifinals
- Two Teams to the Finals

Awards at State

- Robot Skills : 2990A
- Tournament Finalist: 2990A, 278B
- Excellence Award: 2990A

Worlds Highlights



- Set Guinness World Record
- 278A Team Helios Won the Judges Awards!
- 2990A Captain of Division Semifinalists
 - Defeat the Defending World Champion in Quarterfinals!!!
- 278A Top 15 Programming Skills
- Both teams in top 25 programming skills
- 2990A Top 40 Robot Skills

Time to Recognize the Teams

- When your team number is called, please join me up front.

2990B

Titan Team Oceanus 'Strong and Busy'

- Two time in class tournament Champion
- West December Tournament
 - Ranked 12th of 30 teams in Qualifying Rounds
 - Quarterfinalist
- Friday Night Tournament
 - Ranked 5th of 26
 - Semifinalist
- Team switch at the semester break
 - Strong in class.

278E Titan Team Hesperus 'Improvement'



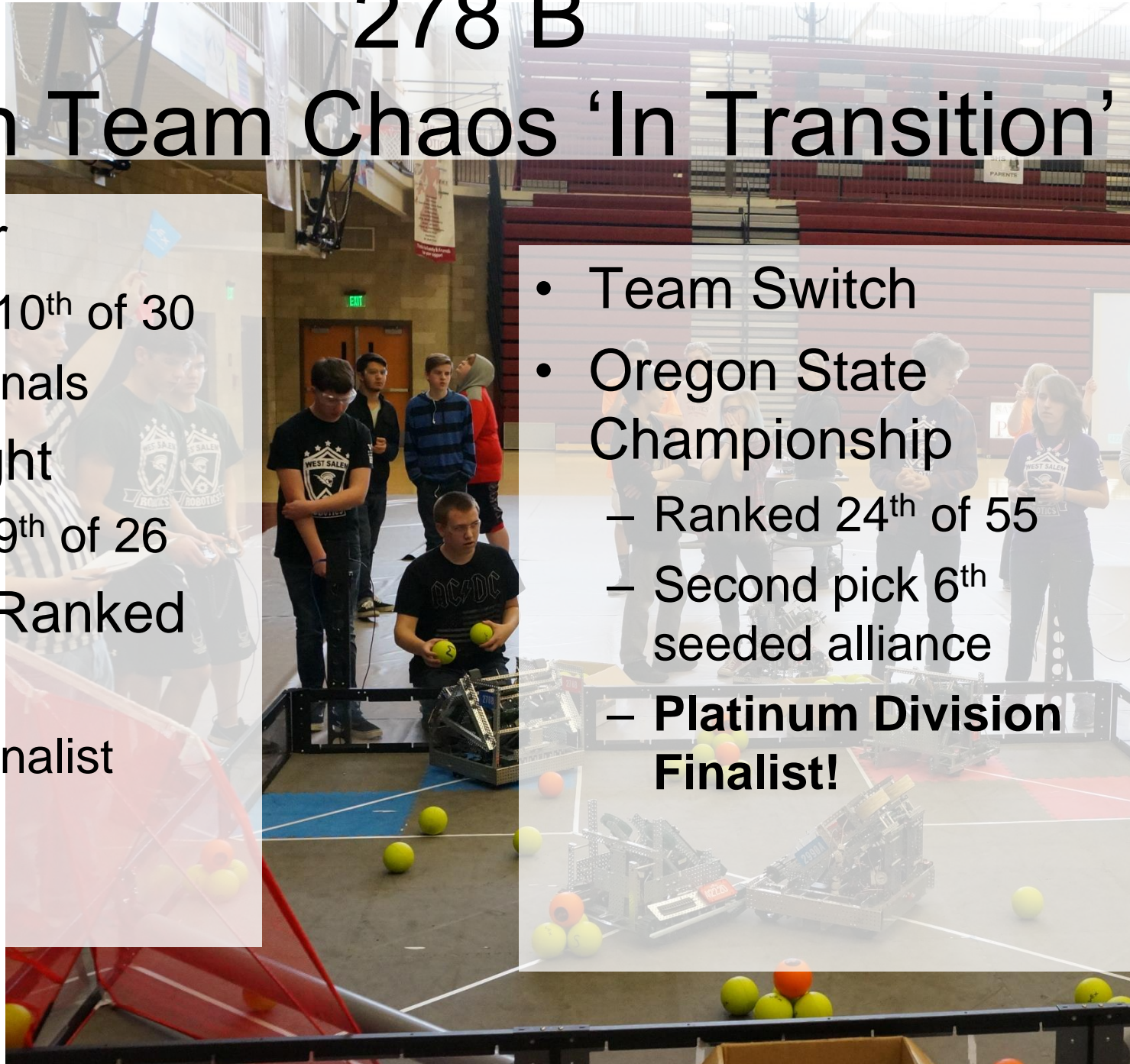
- All Rookie Team
- Most Improved
- Improvement and teething pains. This was my only all rookie team this season and they kept improving even to the end. In their first tournament they had the worst draw possible by facing all of the top teams in the qualifying rounds.
- **Platinum Division Semifinalist** at the State Championship

278 B

Titan Team Chaos 'In Transition'

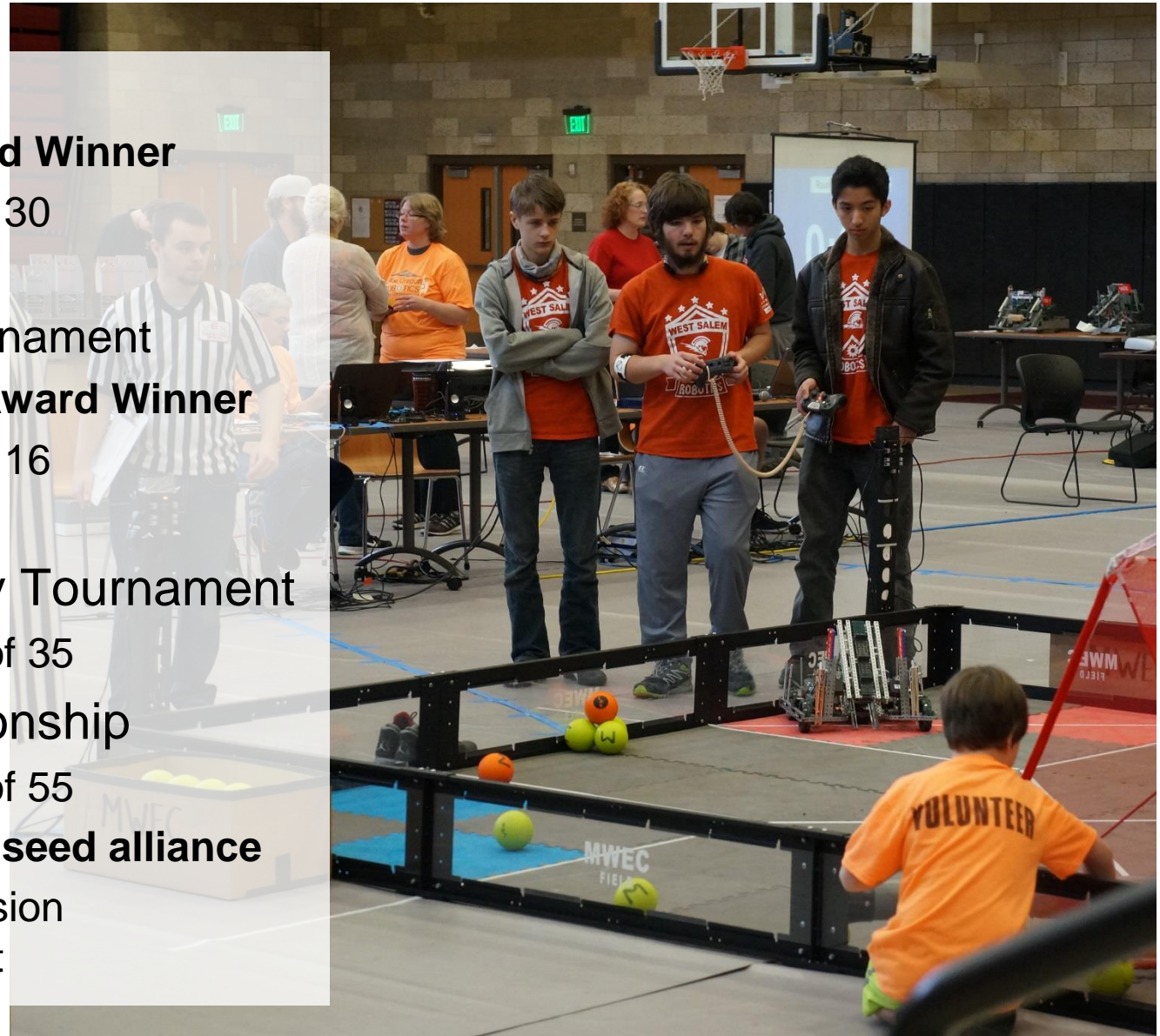
- December
 - Ranked 10th of 30
 - Quarterfinals
- Friday Night
 - Ranked 9th of 26
- Saturday Ranked 16th of 35
 - Quarterfinalist

- Team Switch
- Oregon State Championship
 - Ranked 24th of 55
 - Second pick 6th seeded alliance
 - **Platinum Division Finalist!**



278C: Titan Team Eos 'Innovation'

- December
 - **Design Award Winner**
 - Ranked 4th of 30
 - Semifinalist
- Willamette Tournament
 - **Excellence Award Winner**
 - Ranked 4th of 16
 - Finalist
- West Saturday Tournament
 - Ranked 20th of 35
- State Championship
 - Ranked 10th of 55
 - **First Pick #1 seed alliance**
 - Platinum Division Quarterfinalist



278D: Titan Team

Atlas 'On the Verge of Something Great'

- **Veteran rookie team.** After participating in FTC for two years, this team finally saw the light and moved to VEX.
- Innovative team that explored PID control, visual feedback and even some audio feedback to help set themselves apart.
- At state they earned top seed by going undefeated during qualifying rounds.
- With most of the team returning in the fall the expectations are high for this team.

- **December**
 - Ranked 6th of 30
 - Semifinalist
- **West Salem Saturday**
 - Ranked 8th of 35
 - **Tournament Champion**
- **State Championship**
 - **Ranked #1 Of 55 teams!!**
 - Quarterfinalist



278A: Titan Team Helios 'Quality People, Quality Product'

- December
 - Ranked 3rd of 30
 - Tournament Finalist
 - **Sportsmanship Award**
- Hillsboro
 - Ranked 3rd of 15
 - **Tournament Champion**
- West Salem Saturday
 - Ranked 11th of 35
 - Semifinalist
 - **Design Award**
- Oregon State Championship
 - Ranked 4th of 55
 - Captain 3rd seeded alliance
 - Quarterfinalist



After State... On To Worlds!!!

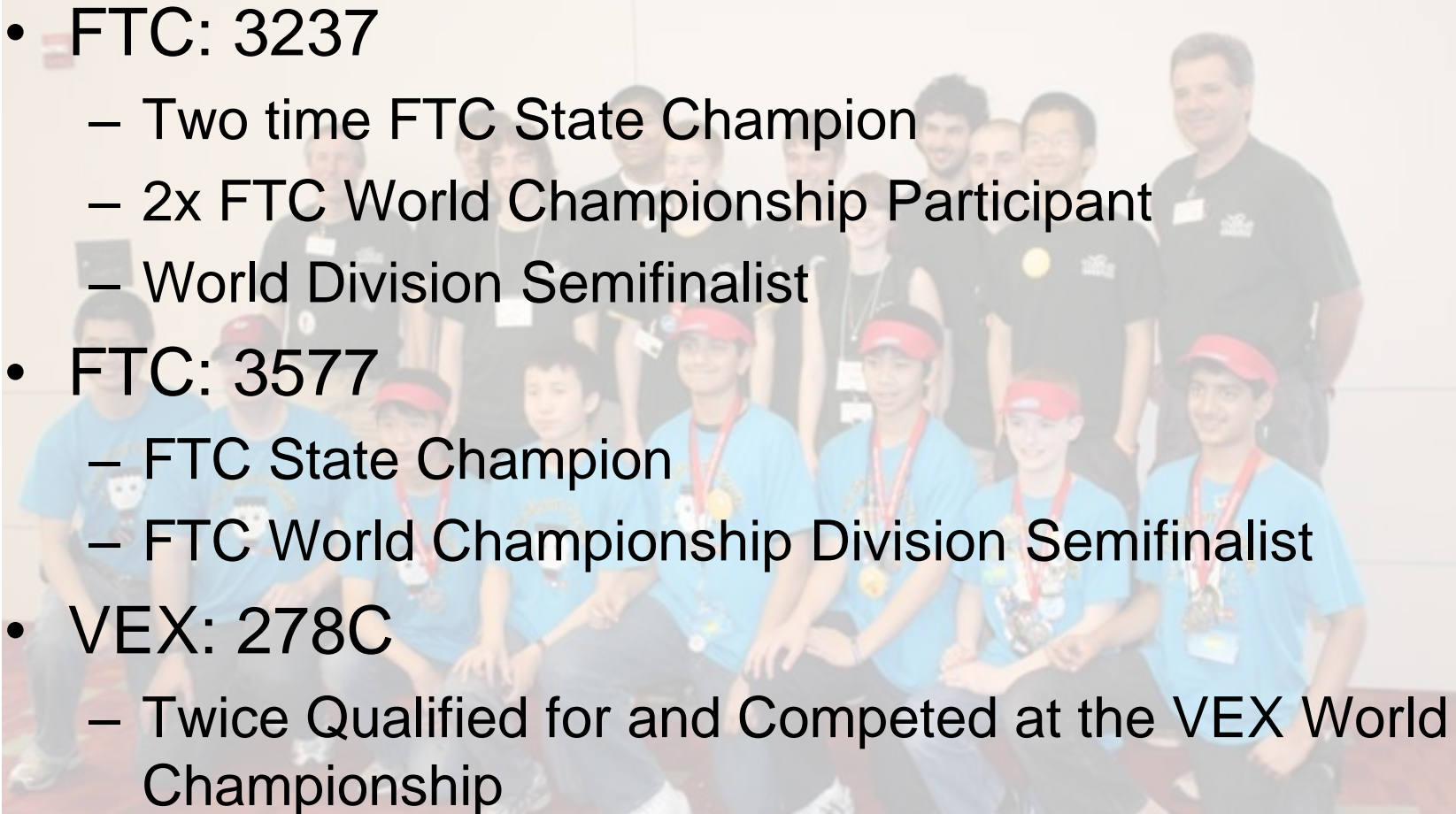
- Top 30 programming Skills before Worlds (322 points!!)
- Competed in the Technology Division
- Wins the **Judges Award!!** The first time a West Salem team has won an award at the Worlds Level!!
- Finish ranked 15th in Programming Skills at the World Championship.



2990A Titan Team Kronos: 'Setting the Standard'

- 
- December
 - Excellence Award Winner
 - Finalist
 - Toledo
 - Design Award
 - Willamette
 - Design Award
 - Tournament Champion
 - West Salem Saturday
 - Excellence Award Winner
 - Tournament Champion
 - State Championship
 - Excellence Award Winner
 - Tournament Finalist
 - Robot Skills Winner

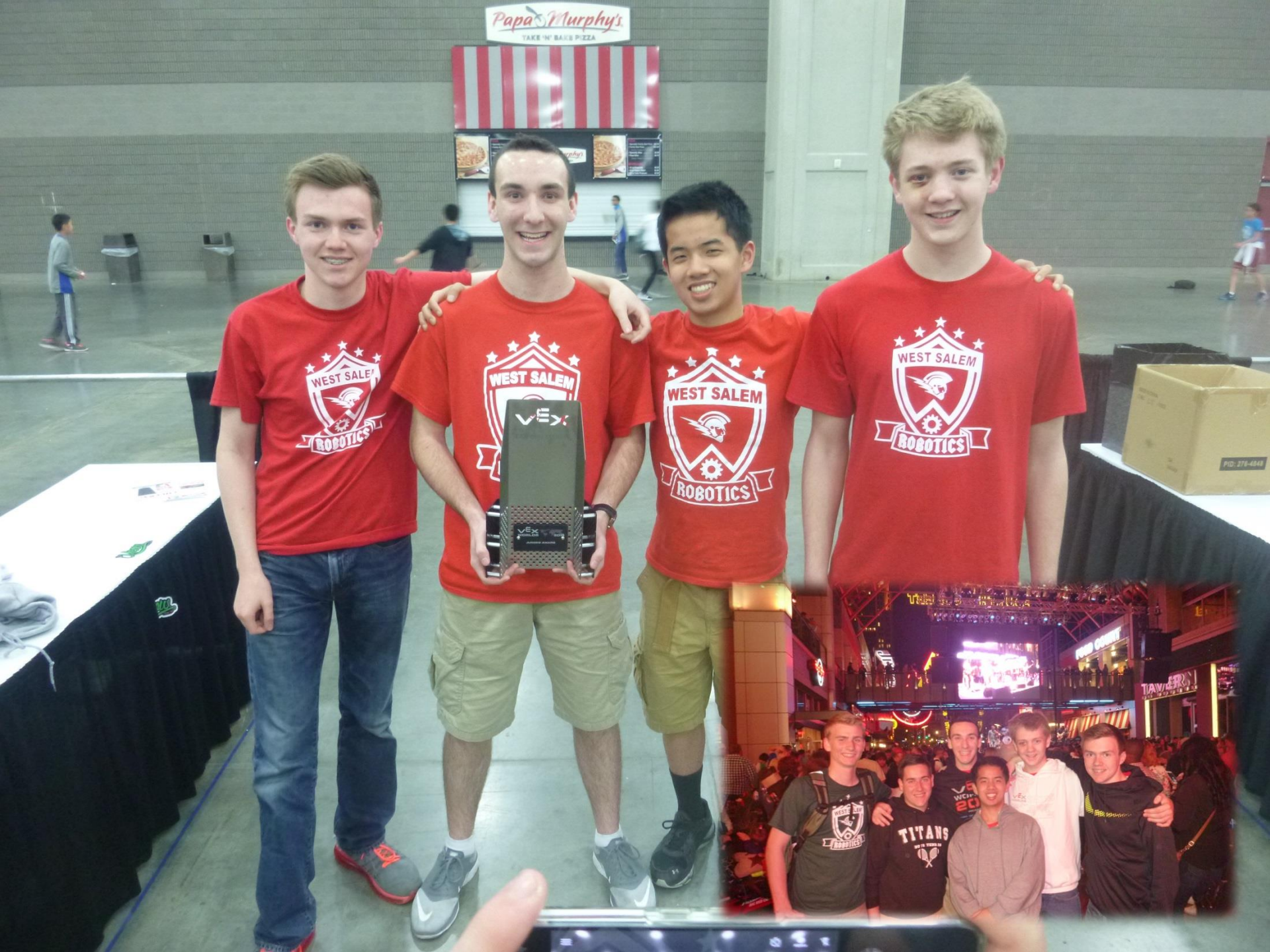
Retiring Team Numbers Past Years

- **FTC: 3237**
 - Two time FTC State Champion
 - 2x FTC World Championship Participant
 - World Division Semifinalist
 - **FTC: 3577**
 - FTC State Champion
 - FTC World Championship Division Semifinalist
 - **VEX: 278C**
 - Twice Qualified for and Competed at the VEX World Championship
- 

Current Year Team Numbers Retiring

- 278A
- Three Time VEX World Championship Competitor
- 2x Oregon Excellence Award Winner
- 1x World Top 30 Programming Skills Ranking
- Winner of the Judges Award at the World Championship Level





Papa Murphy's
TAKE 'N' BAKE PIZZA

WEST SALEM
ROBOTICS

WEST SALEM
ROBOTICS

WEST SALEM
ROBOTICS

WEST SALEM
ROBOTICS



TITANS

WEST SALEM
ROBOTICS

TOWER'S

2990A Tiny Titans Robotics Team...

Gripper...Kronos





2990A

- Two – Time State Champion
- Five-Time World Championship Competitor (There have only been six years where an Oregon team competed at Worlds.)
- Two-time Alliance Captain at the World Championship
- One Time World Championship Quarterfinalist
- Two-Time World Championship Semifinalist
- Defeated two World Champions
 - Wasabi
 - New Zealand

Letters for World Championship Competitors

- 278A
 - Jonny Tyler
 - James Chen
 - Cameron Whitlow
 - Matthew Moore
 - Ben Trout
- 2990A/B
 - Irene Esther
 - Leo Heine
 - Richard Craig
 - Connor Suderman
 - Philip Smith
 - Stephen Kirkpatrick

Thank you for coming out and
I'll see many of you next year!

