



# Central Texas

# Wilco 4-H & FFA LEGO Robotics Competition

## WHEN/WHERE

- **April 21, 2018**
- 8am-5pm
- Williamson County Extension Office- Training Room:
- 3151 SE Inner Loop, Georgetown, TX 78626

## TEAMS

- 4-H and FFA
- Senior, Intermediate, & Junior
- 3-5 members per team

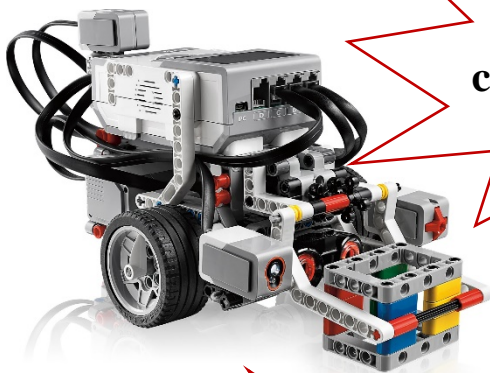
Join the fun prizes,  
Trophies & Ribbons  
for the top teams

## REGISTRATION

- Pre-registration required by April 1<sup>st</sup>
- Send registration form to Williamson County Extension Office
- Make checks payable to Georgetown 4-H
- Registration limited to 8 teams in each division
- Entry fee: \$60
- Lunch provided

**Compete to  
complete a series  
of obstacles!**

**Build any robot  
you can imagine!**



**Presentation  
required**

LEGO® MINDSTORMS™  
Education EV3





**Registration Form**

Send to Williamson County Extension Office  
3151 SE Inner Loop, Suite A, Georgetown, TX 78626

<b>Age Division</b>	<b>Junior (5<sup>th</sup> and under)</b> <input type="checkbox"/>	<b>Intermediate (6<sup>th</sup>-8<sup>th</sup>)</b> <input type="checkbox"/>	<b>Senior (9<sup>th</sup>-12<sup>th</sup>)</b> <input type="checkbox"/>
<b>Team name:</b>			
<b>County from:</b>			
<b>Team Captain:</b>	Name:	Age:	Email: Phone:
<b>Member 2</b>	Name:	Age:	Email: Phone:
<b>Member 3</b>	Name:	Age:	Email: Phone:
<b>Member 4</b>	Name:	Age:	Email: Phone:
<b>Member 5</b>	Name:	Age:	Email: Phone:
<b>Coach</b>	Name:	Email:	Phone:
<b># of lunches</b>			
<b>Special requests</b>			

**Competition**

**Part 1: Robot course (75% of total score):** Rounds will be 1-3 minutes long. The Texas 4-H Round Up rules will be followed with the following changes: Participation rule # 2 and 3 is modified to allow Junior members to compete in the competition. Participation rule # 5 will be modified to say that registration is limited to 8 teams in each division on a first-come, first served basis. Final scores will be based on programmed tasks score and presentation scores.  
Link to rules: [http://texas4-h.tamu.edu/wp-content/uploads/2017-4h\\_robotics\\_challenge.pdf](http://texas4-h.tamu.edu/wp-content/uploads/2017-4h_robotics_challenge.pdf)

**Part 2: Presentation (25% of total score):** There will be a 3-5 minute **team** presentation. Every team member must participate in the presentation. In the presentation, students must briefly introduce themselves, state problems encountered, how problems were resolved, and what the team learned. Team presentations should be limited to **total** of 5 minutes, but must not be any shorter than 3 minutes.

**EVENT DAY SCHEDULE**

<b>Registration</b>	8:00 am
<b>Competition revealed</b>	8:30 am
<b>Coach time</b>	8:50 am
<b>Building/test time</b>	9:00 am
<b>Lunch</b>	12:00 pm
<b>Round 1</b>	1:00 pm
<b>Final round</b>	3:00 pm
<b>Awards</b>	4:00 pm

Schedule may vary – Judges Decision final.