



Fulfilling Indiana Graduation Pathways with FIRST

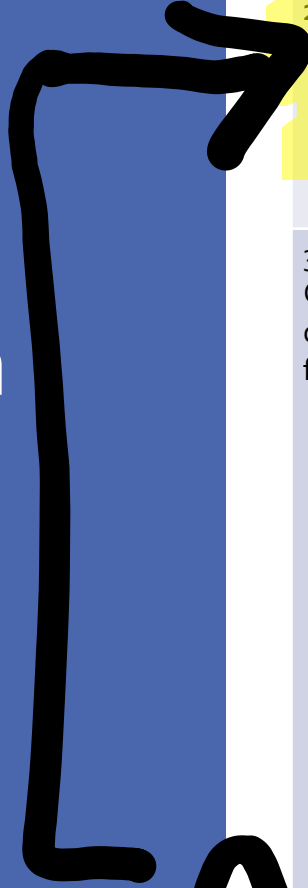
Mary Rinehart

Vice Chairman of the FIRST Indiana Robotics Board of Directors

IDOE Graduation Pathways

Graduation Requirements	Graduation Pathway Options
1) High School Diploma	Meet the statutorily defined diploma credit and curricular requirements
2) Learn and Demonstrate Employability Skills	Learn employability skills standards through locally developed programs. Employability skills are demonstrated by one the following: <ul style="list-style-type: none"> • Project-Based Learning Experience; OR • Service-Based Learning Experience; OR • Work-Based Learning Experience.²
3) Postsecondary-Ready Competencies ³ (Students must complete at least one of the following.)	<ul style="list-style-type: none"> • Honors Diploma: Fulfill all requirements of either the Academic or Technical Honors diploma; OR • ACT: College-ready benchmarks; OR • SAT: College-ready benchmarks; OR • ASVAB: Earn at least a minimum AFQT score to qualify for placement into one of the branches of the US military; OR • State- and Industry-recognized Credential or Certification; OR • Federally-recognized Apprenticeship; OR • Career-Technical Education Concentrator⁴: Must earn a C average in at least two non-duplicative advanced courses (courses beyond an introductory course) within a particular program or program of study; OR • AP/IB/Dual Credit/Cambridge International courses⁵ or CLEP Exams: Must earn a C average or higher in at least three courses; OR • Locally created pathway that meets the framework from and earns the approval of the State Board of Education.

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OUR FOCUS TODAY!

Students starting with the Class of 2023 must meet all of the following:

- 1 Credits**
- 2 Learn & Demonstrate Employability Skills**
- 3 Postsecondary-Ready Competencies**

DIPLOMA REQUIREMENTS

- 1 Credits**
Earn credits toward a diploma with designation.
 - Core 40 - minimum 40 credits
 - Academic Honors - minimum 47 credits
 - Technical Honors - minimum 47 credits
 - General
- 2 Learn & Demonstrate Employability Skills**
Produce defined outcome(s) based on experience.
Defined Outcome Options
 - Videos
 - Papers
 - Resume
- 3 Postsecondary-Ready Competencies**
Meet *at least one* of these competencies.
 - **Honors Diploma**
academic or technical
 - **SAT**
reading/writing = 480, math = 530
 - **ACT**
english = 18, reading = 22, math = 22, science = 23 (2 out of 4 needed with at least one in English/Reading and one in Math/Science)
 - **ASVAB**
minimum of 31
 - **Industry Certification**
certification from approved DWD list
 - **Apprenticeship**
federally recognized

Graduation Pathway Infographic



Service-based learning integrates meaningful service to enrich and apply academic knowledge, teach civic and personal responsibility (and other employability skills), and strengthen communities.



Looks like:

Participation in a meaningful volunteer or civic engagement experience OR

Engagement in a school-based activity, such as a co-curricular or extracurricular activity or sport for at least one academic year.

What is Service-Based Learning?



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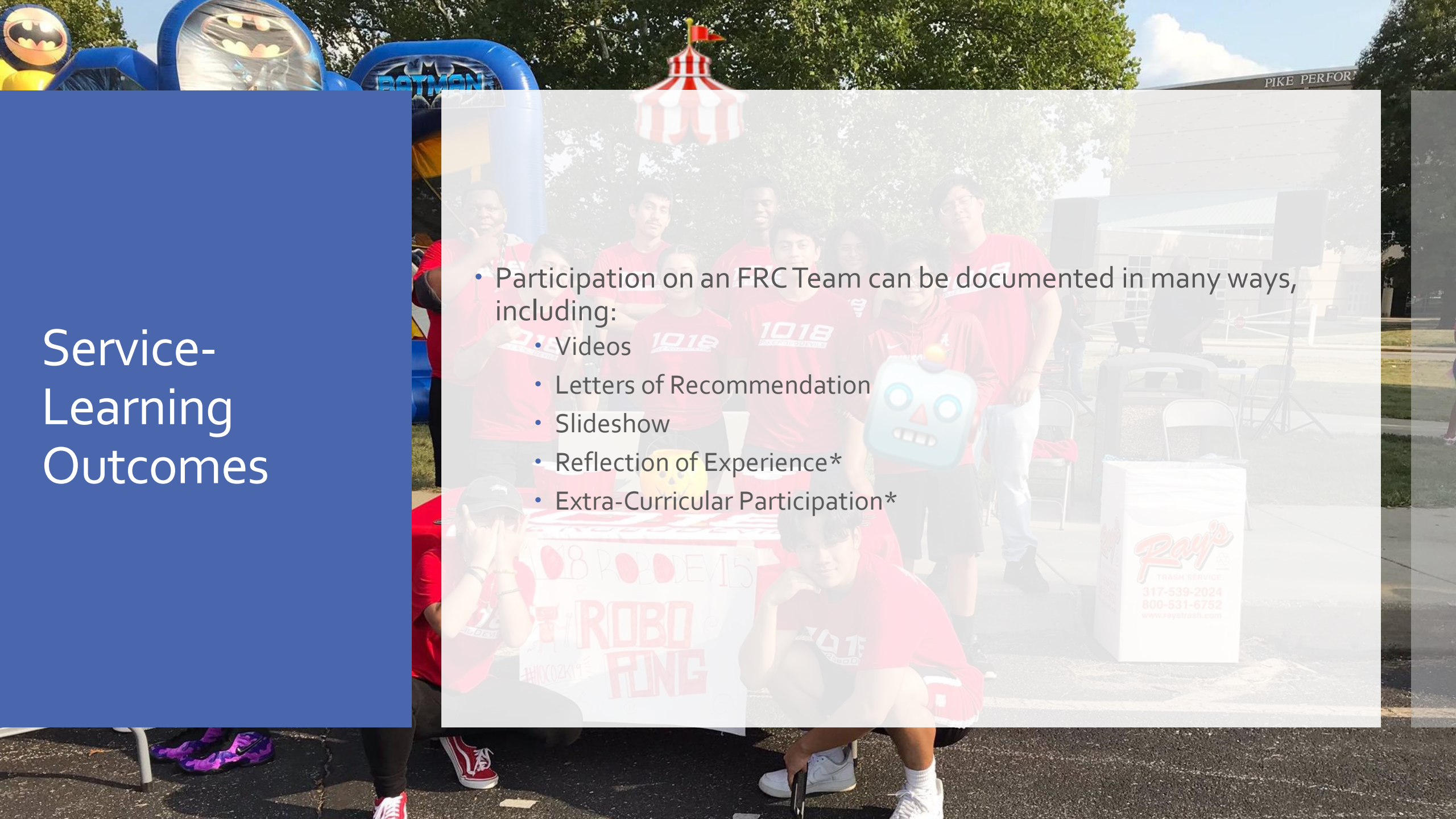


That describes FIRST!

What is Service-Based Learning?

Service- Learning Outcomes

- Participation on an FRC Team can be documented in many ways, including:
 - Videos
 - Letters of Recommendation
 - Slideshow
 - Reflection of Experience*
 - Extra-Curricular Participation*



Documentation

- Documentation is flexible and will vary locally.
- Indiana FIRST has provided a reflection template for use by teams to document participation and employability skills gained through an FRC team experience. (See IndianaFIRST website)
- Students should build a portfolio through their time on an FRC team (digital and/or paper) and include this in their portfolio. It is their responsibility to document, but school-based coaches should lead in having students fill out these forms.



[IDOE Graduation
Pathways Website](#)



FIRST Indiana
Robotics
Graduation
Pathways Letter



FIRST Indiana
Robotics SLC
Documentation

Resources



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@MakerMary

