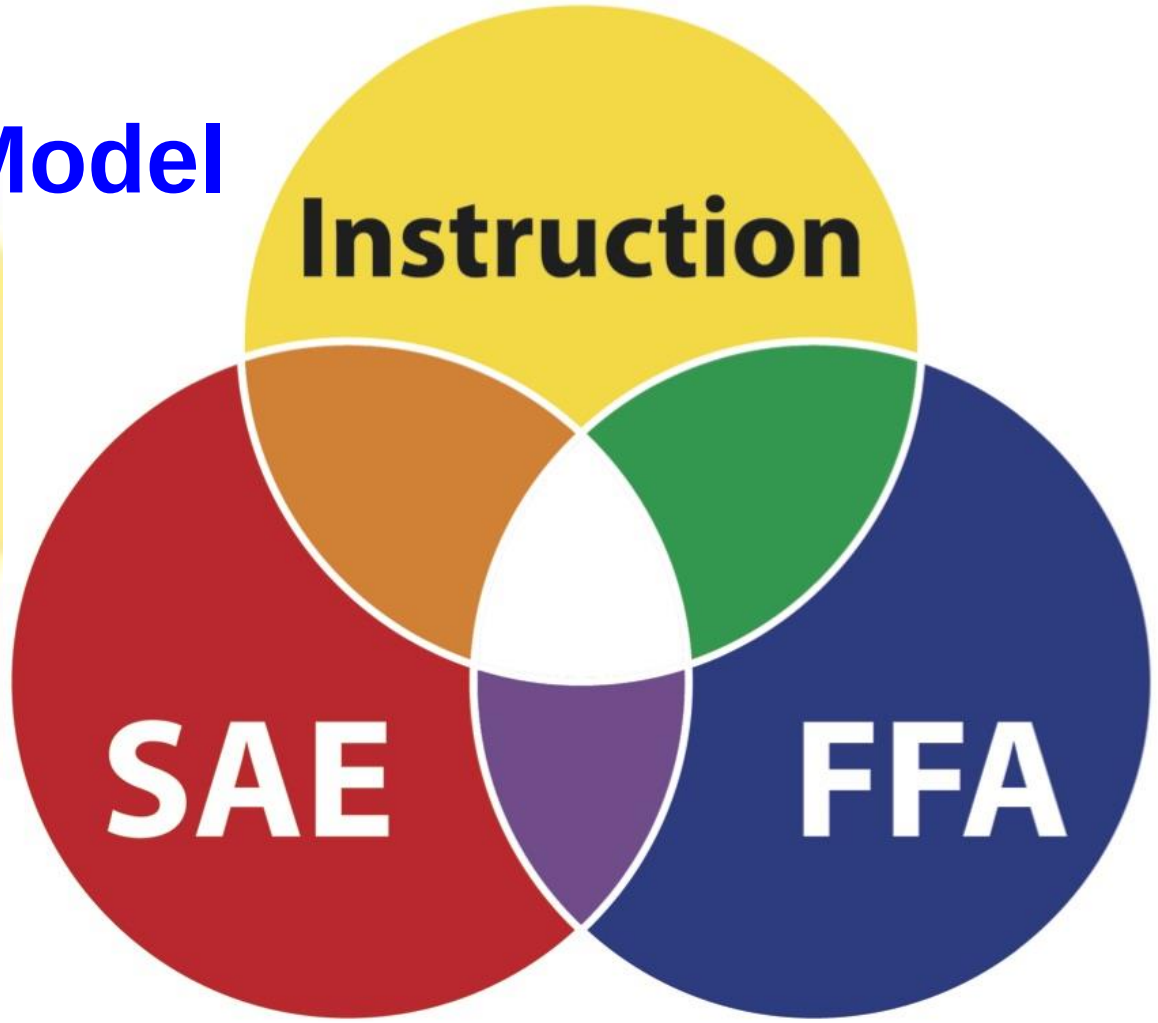
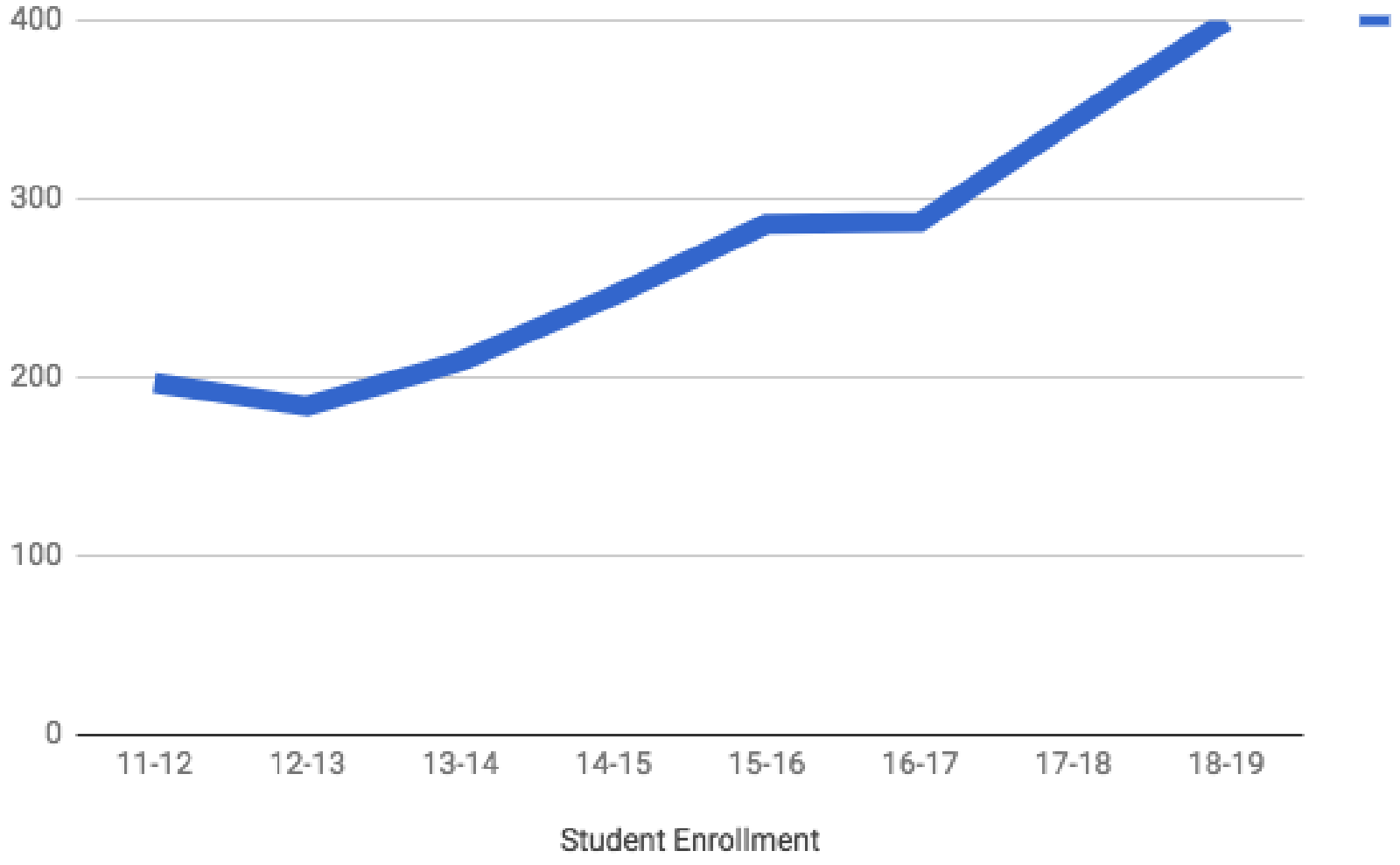
Locust Trace AgriScience Center

Locust Trace Profile

Agriculture Education Model



Student Enrollment



Pathways

Agribusiness Systems

- Includes a 3-level Equine program endorsed by the United States Pony Club
- Potential for writing a new nationally-recognized apprenticeship

Pathways

Agriculture Power, Structural & Technical Systems

- Includes Small Engines, Construction, Ag. Power & Advanced Courses
- Two high-demand certification areas

Pathways

Animal Science Systems

Specific options:

- Animal Science
- Pre-Vet Program
  - Vet Assistant Industry Certification
  - Vet Science Industry Certification

Pathways

Environmental Science/Natural Resources Systems

Courses include Environmental Science, Wildlife Resources, Forestry and Aquaculture

Pathways

Food Science Systems

Courses taught by an LTAC instructor who is nationally certified in this area

Pathways

Horticulture & Plant Science Systems

- Students can obtain a Plant Science industry certification
- State of the art greenhouse

Career Ready Success

2016-2017

84% of Preparatory seniors passed a KOSSA or Industry Certification

	LTAC Senior Pass Rate	LTAC Gap Senior Pass Rate	Kentucky State Average (All Grades)
Animal Systems	87%	83%	52%
Ag Power	75%	50%	39%
Food Science	100%	100%	49%

Other Highlights

- Student internship opportunities
- Student Voice Team (PUPs)
- Mentorship Program with 8 Elementary Schools and 1 Middle School
- LTAC Ambassador Program
- Student Technology Leadership Program (STLP) success at the regional level
- Increased number of and opportunities for business/industry partnerships
- Developing database for students who have completed pathways/programs

Middle School Program

What Do We Do?

Activities	Classroom	Benefits
Rodeo	Animals	Friendships
Delegate Meeting	Plants	Free Food
Chapter Meetings	Careers	Field Trips
First Officer Team	Speeches	Leadership
Contests	Landscaping	Confidence
FFA Week	Marketing	Fun

Fayette Co Middle Schools FFA Stats

70 Members

FCMS FFA has welcomed 70 members into our family this year.

3 Schools

We have members at Jessie Clark Middle, Leestown Middle, & Edythe J. Hayes Middle.

25 Competitors

This year we have 25 members competing in contests including Agriscience Fair & Public Speaking

Locust Trace FFA Update

Membership and SAE Growth

FFA Membership	
2011-12	154
2012-13	118
2013-14	153
2014-15	202
2015-16	195
2016-17	225

Year	SAE Projects	SAE Hours
2011	1	85
2012	7	764
2013	50	3,043
2014	146	3,966
2015	239	10,312
2016	347	15,981

2017 National Three Star Chapter and Top Ten Premier Chapter in Strengthening Agriculture Division

State FFA Contest Success

Floriculture: 2017 - 4th Place

Land Judging: 2017 - 3rd Place

Vet Science: 2015 & 2017 - 1st Place, 2016 - 2nd Place

State Star Farm Finalist: 2017

Prepared Public Speaking: 2016 - 1st Place

Agriculture Issues: 2014 - 2nd Place

Small Engines: 2016 - 2nd Place, 2014 - 3rd Place

Employability Skills: 2014 - 1st Place, 2017 - 3rd Place

PUPs
Principal's Ultimate Panel
Student Voice Team

AM Group
PM Group

Representatives from each grade level and each sending school

Ambassador Program

Selected through application process

Represent LTAC at community events and assist in recruitment

Junior MANRRS

Program offered through the Office of Diversity in the UK College of Agriculture.

UK committed to conducting weekly classes for our students.

Questions?