

Springport High School Agriscience Education Completer Information 2017-2018

**Michigan Department of Education – Career and Technical Education Standard –
01.000 Agriculture, Agriculture Operations and Related Sciences**

1. Safety
2. Animal Anatomy & Physiology
3. Animal Genetics and Reproduction
4. Domestic Animal Production
5. Animal Health & Nutrition
6. Plant Anatomy Physiology
7. Soils & Plant Nutrition
8. Plant Culture and Propagation
9. Natural Resource Systems
10. Environmental Service Systems
11. Agricultural Business & Marketing
12. Career Readiness & Leadership

The courses within Springport High School (taught by Agriscience certified staff) that comply with the State Segments:

- 1 - Biology-Botany - Segments: 1 - 6 - 7 - 8 - 9 - 11 - 12 (Biology credit & elective Science credit for graduation when combined with Biology-Zoology)
- 2 - Biology-Zoology - Segment: 1 - 2 - 3 - 4 - 5 - 10 (Biology credit & elective Science credit for graduation when combined with Biology-Botany)
- 3 - Genetics & Ag Research - Segment: Q (Elective Science credit for graduation)
- 4 - Ag Finance & Leadership - Segment: Q (Math credit when taken as 4th year math requirement for graduation)
- 5 - Mechanical and Technical Systems - Segments: Q (Art credit for graduation)
- 6 - Ag Internship - Segment: Q (can be completed only after a student has finished all other segments)
- 7 - FFA/SAE Lab - Segment: 11 - 12

The State will be keeping track of students in current programs using the following categories:

Concentrators are identified after they complete at least 7 segments with a grade of 2.0 or better. These students must complete the assessment at the time they exit the program.

Completer's are students that completes all 12 segments with a grade of 2.0 or better and take the technical skill assessment, if available. **Students will receive an endorsement on their diploma.**

Grade Level:	Core Agriscience Courses and SHS Graduation Requirements		
9th Grade Courses	Biology-Botany <small>(Biology credit + 1 elective science credit for graduation w/ Bio-Zoo)</small>		
10th Grade Courses	Biology-Zoology <small>(Biology credit + 1 elective science credit for graduation w/ Bio-Bot)</small>		
	AGRISCIENCE CTE COMPLETER (STAMP on Diploma) * Students who complete Bio-Botany & Bio-Zoology with a 2.0 are an Ag CTE Completer and may choose to take only one year of a foreign language as well as have their visual, performing, applied arts credit requirement waived.		
11th Grade Courses (Choose one or more)	Genetics & Ag Research <small>(Elective Science Credit)</small>	Ag Internship <small>(Elective credit)</small>	Mech/Tech <small>(Applied Art credit for graduation)</small>
12th Grade Courses (Choose one or more)	Ag Finance & Leadership <small>(4th year Math credit for graduation)</small>	Ag Internship <small>(Elective credit)</small>	Mech/Tech <small>(Applied Art credit for graduation)</small>