



# OHS PATHWAYS AGRICULTURE AND NATURAL RESOURCES



## ANIMAL SCIENCE

<b>ANIMAL CARE I</b>	<b>01</b>
<b>ANIMAL CARE II</b>	<b>02</b>
<b>VETERINARY SCIENCE</b>	<b>03</b>
<b>PROFESSIONAL INTERNSHIP</b>	<b>03</b>



## AGRICULTURAL PROJECTS

Students enrolled in any Agriculture class have the opportunity to participate in our project program. Students can raise livestock, chickens, fish, and exotic animals or work with our, gardens, greenhouse, vertical gardens, worms, landscaping programs..

All students are a member of the National Award winning FFA. Orange FFA members participate in leadership activities, public speaking, contests, conferences, community service and much more.

Our Livestock Show team wins every year at the OC Fair and brings home blue ribbons, trophies and funding. We lead the county in several livestock show areas.

## Course Descriptions



## OPPORTUNITIES

- Attend field trips, and conferences
- Participate in Farm Fest, the OC Fair, and the OHS Petting Zoo!
- Ag projects and Ag Science are articulated with MTSAC for general animal science

## FOR MORE INFORMATION CONTACT

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## SAMPLE 4 YEAR PLAN FOR ANIMAL SCIENCE

*This represents one version of a four year plan. Students should work closely with their counselors to determine the right four year plan.*

Course Types	9 <sup>th</sup> grade	10 <sup>th</sup> grade	11 <sup>th</sup> grade	12 <sup>th</sup> grade
English	English 9	English 10	English 11	English 12
History	N/A	World History	US History	Government/Econ
Math	<b>Class of 2017-2020</b>			
	Algebra I	Geometry	Algebra II	Pre-Calc / Trig
	<b>Class of 2021 and Beyond</b>			
	Math I	Math II	Math III	Student Choice
Science	Ag Science	Agriculture Biology	Chemistry	Physiology
PE	P.E.	P.E.	N/A	N/A
<b>PATHWAY COURSE</b>	<b>Animal Care I (01)</b>	<b>Animal Care II (02) AND/OR AG Projects</b>	<b>Veterinary Science (03) AND/OR Ag Projects</b>	<b>Veterinary Science (03) AND/OR Ag Projects</b>
World Language, Elective or VPA	World Language AND VPA	N/A	Student Choice	Student Choice

## SAMPLE HONORS/A-G 4 YEAR PLAN FOR ANIMAL SCIENCE

*This represents one version of a four year plan. Students should work closely with their counselors to determine the right four year plan.*

Course Types	9 <sup>th</sup> grade	10 <sup>th</sup> grade	11 <sup>th</sup> grade	12 <sup>th</sup> grade
English	English 9 H	English 10 H	AP English Lang	AP English Lit
History	N/A	AP World History	AP US History	AP Government
Math	<b>Class of 2017-2020</b>			
	Honors Geometry	Honors Algebra 2	Honors Pre Calc	AP Calculus or AP Statistics
	<b>Class of 2021 and Beyond</b>			
	Math I	Math II	Math III	Student Choice
Science	Agricultural Biology	Honors Chemistry	AP Science, Physiology H, or Physics H	AP Science, Physiology H, or Physics H
PE	P.E.	P.E.	N/A	N/A
	<i>Passing the Physical Fitness Test will complete the PE Graduation Requirement opening up the student's schedule to complete 4 years of World Language or additional pathways.</i>			
<b>PATHWAY COURSE</b>	<b>Animal Care I (01)</b>	<b>Animal Care II (02) AND/OR AG Projects</b>	<b>Veterinary Science (03) AND/OR Ag Projects</b>	<b>Veterinary Science (03) AND/OR Ag Projects</b>
World Language, Elective or VPA	World Language	World Language	World Language	VPA Elective