

# ORANGE HIGH SCHOOL

## ANIMAL SCIENCE

### *Animal Science Pathway:*

The Animal Science Pathway allows students to explore the industries like Veterinary Medicine, Livestock Management, and many more in a rigorous and hands-on environment! Agricultural education prepares students for successful careers and a lifetime of informed choices in the global agriculture, food, fiber and natural resources systems. Agricultural instruction is delivered through **three major components:**

- Classroom/Laboratory instruction
- Supervised Agricultural Experience programs (work-based learning)
- Student leadership organizations (National FFA Organization, National Young Farmer Educational Association and National Post-secondary Agricultural Student Organization).

**“THROUGH AGRICULTURAL EDUCATION, STUDENTS ARE PROVIDED OPPORTUNITIES FOR LEADERSHIP DEVELOPMENT, PERSONAL GROWTH AND CAREER SUCCESS.”**

*- Ms. Deskin*

**To sign up for an Animal Science course, contact your OHS counselor!**

### *Pathway Teacher:*

Ms. Deskin is an alumni of the Mission Viejo FFA Chapter. She graduated with an A.S. in Livestock Management from Mt. San Antonio College. She continued her education at California State Polytechnic University, Pomona where she received a Bachelor and a Master of Science in Agriculture Science. She also obtained an Agriculture Specialist Credential and a Single Subject Credential in Agriculture. She has over 15 years of experience working in the agriculture field.



For more information contact Animal Science Pathway teacher Ms. Deskin, [sdeskin@orangeusd.org](mailto:sdeskin@orangeusd.org)

# ORANGE HIGH SCHOOL

## ANIMAL SCIENCE

### *Sample Four-Year Plan:*

This represents a sample four-year plan sequencing the classes offered in our Animal Science Pathway. Students must complete a level (02) and (03) course to be a pathway completer and earn a tassel to wear at graduation. Students should work closely with their counselor to incorporate appropriate honors, and AP courses as well as other graduation and A-G required courses.



Course Type	9th Grade	10th Grade	11th Grade	12th Grade
Animal Science	CDE Animal Science (02)	NA	Veterinary Science (03)	Professional Internship (03)
A-G Approval	G College Prep Elective		G College Prep Elective	

### *Course Descriptions:*

**CDE Animal Science (02):** This course provides students with classroom instruction in the animal care field. Essential employability skills include career opportunities in the animal care field plus personal and interpersonal skills, career development, and employment literacy. The course includes content area instruction in animal handling and restraint, medical/scientific terminology, immunology/physiology, sanitation, safety, nutrition/health, domestic/exotic breeds and species, genetics, cellular biology, animal behavior, conservation/ecology, evolution and animal traits, scientific theory and general animal husbandry.

**Veterinary Science (03):** Students will acquire an understanding of advanced animal principles. The combination of science projects, lab experience and academic research enables students to become knowledgeable in the field of veterinary science. This course prepares students for post-secondary level education, leading to careers in animal science, biology, zoology, and/or veterinary science.

**Professional Internship (03):** This course allows students to apply academic and career readiness skills in a workplace environment. Instruction will combine standards-based classroom instruction with extended on-site industry experience. Students will learn all aspects of professionalism and apply 21st century skills of communication, collaboration, critical thinking, creativity, problem solving, resume building and interview skills all in a real-world setting.