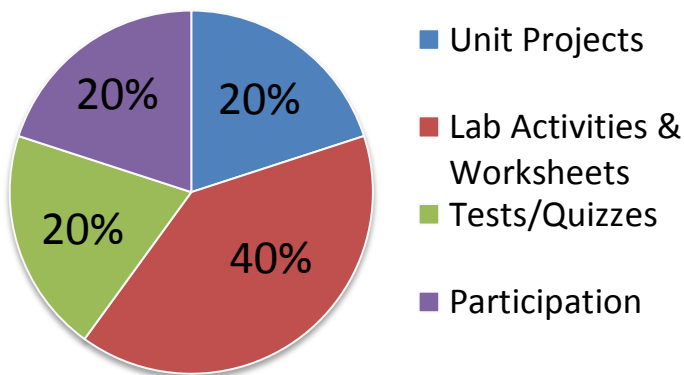


Veterinary & Small Animal Science

Course Description:

This great class is designed for the person interested in animals. Students will have the opportunity to work with animals by giving injections, learn how to suture wounds, do blood work-ups, and learn about animal restraint and radiology. Students will develop a basic understanding of animal nutrition, genetics, reproduction, and their health.

Grading



Supplies

- Pencil/ Pen
- Notebook/Loose Leaf
- Folder or Binder

Expectations

1. Be Nice	2. Work Hard	3. Respect the Environment
------------	--------------	----------------------------

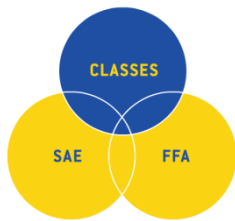
Ms. Whitney Barnes | Block 2 | wbarnes@kielk12.wius | 920-894-2263
To View Full Course Overview, visit www.KielAgEdnet

Greetings,

Due to your current enrollment in an agricultural course, I welcome you and your family to the Agricultural Education Department at Kiel High School.

Our department believes in developing quality students through participation in these three components:

CLASSROOM

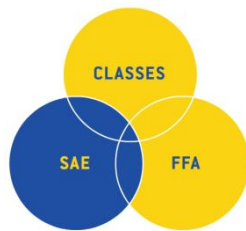


Kiel Area School District offers a variety of classes.

8 High School Courses

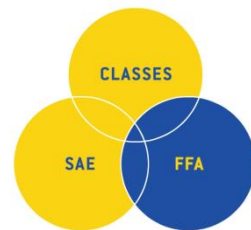
1 Middle School Course

Many of the high school courses count towards a required science credit to graduate and even earn the student college credits.



SAE(Supervised Agricultural Experiences)

Once enrolled as an Agricultural Education student in the Kiel School district, you are required to have or start to develop your SAE (Supervised Agricultural Experience). This engages students in an experiential learning project that can be entrepreneurial, research based, or employment based.



FFA

FFA is a national organization with over 524,000 members. Kiel is home to over 100 of these members. Being involved with the FFA here at Kiel helps students succeed in the classroom and their SAE (The other two components of agricultural education)

Agriculture is a broad spectrum industry with a diversity of career and job opportunities across the food, fiber and natural resources systems. Only a small percentage of people working in the agriculture industry are involved in production agriculture. The remaining careers impact agriculture through agri- business, science, communications, government, education, processing, distribution, marketing, sales and other occupations that serve the farmer or total agriculture industry.

I am excited to have you as a student in our program. In this packet, you will find a course overview, a grade breakdown, and a copy of a student agreement. I hope to create a safe, challenging, interactive, engaging, and rewarding classroom throughout the course of the semester. I once again welcome you to our intra-curricular program and wish you continued success.

A handwritten signature in black ink that reads 'Whitney Barnes'.

Ms. Whitney
Agricultural Education Instructor
wbarnes@kiel.k12.wi.us

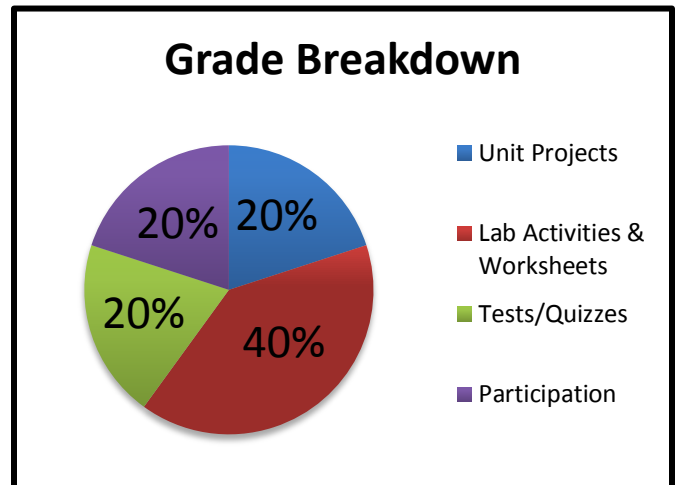
COURSE OVERVIEW

Veterinary and Small Animal Science | Agriculture Department | Term 3 | Block 4
 Ms. Whitney | wbarnes@kiel.k12.wi.us | (920) 894-2263

Topic	Projects/Activities	FFA Activities
ANIMAL MANAGEMENT		
Animal Care	What do the animals need?	
LABORATORY TECHNIQUES: BLOOD WORK UPS		
What is Blood?	Mixing up Blood	
Identifying Parasites: Mycoplasma	Species Presentations	
SAFETY AND SANITATION		
Safety Signs		
Sanitation Types, Methods, Chemicals	Sign Labels	
Material Safety Data Sheets (MSDS)	Labeling the MSDS Sheets	
ANATOMY AND PHYSIOLOGY		
Bone Anatomy and Classification	What are Bones made of?	
Skeletal Systems	Q-tip Skeletons	
ANIMAL RESTRAINT		
Common Dog Restraints	Restraint Practice	
Common Cat Restraints	Restraint Practice	
SUTURE WOUNDS AND BANDAGES		
Suture Types	Sponge Patients	
Bandage Types	Bandage Application	
INJECTIONS		
Types of Injections		
Reading Syringes		
Giving Injections	Bananas and Oranges: Our Patients	
OFFICE MANAGEMENT		
Inventory Management	Organize that Inventory	
Communication with Clients	The Grieving Customer	
Scheduling Appointments	The Busy Calendar Day	
NUTRITION		
The Truth Behind Labels	Label Reading	
Canine Feeding		
Choosing a pet food	Choosing the Right Food	
Digestion and Absorption	Playdough Digestion	
GENETICS		
DNA	Licorice DNA Strands	
INTERNAL PARASITES		
Hookworms, Whipworms, Protozoa, Heartworms	Internal Parasites	
REPRODUCTION		
Hospital Procedures and AI		
ANIMAL ETHICS AND WELFARE		
Do Animals have rights?		
Advocacy and the informed story	Finding the Informed Story	

GRADE BREAKDOWN

UNIT PROJECTS		100
What do the animals need?		20
Species Presentations		10
Safety and Sanitation: Sign Labels		10
Q-Tip Skeletons		15
Sutures		15
Bandages		10
Injections		10
Playdough Digestion		10
LAB ACTIVITIES & WORKSHEETS		200
Mixing up Blood		25
Labeling the MSDS Sheets		15
What are Bones made of?		20
Dog Restraints		10
Cat Restraints		10
Organize that Inventory		15
The Grieving Customer		10
The Busy Calendar Day		10
Choosing the Right Food		20
Licorice DNA Strands		20
Internal Parasites		15
Artificial Insemination		20
Finding the Informed Story		10
TESTS/QUIZ		100 Points
Blood Quiz		25
Injection Quiz		25
Digestion Quiz		25
DNA Quiz		25
PARTICIPATION		100 Points
Includes coming to class prepared, participating in discussion, peer review, group work and collaboration, informal writings, and animal care responsibilities such as cleaning and set up. <i>10 Points per week (Animal Care)</i> <i>10 Points accumulative lab care (Prepared)</i>		
EXTRA CREDIT POLICY		
Extra credit will only be given to students that have one missing assignment or less. Student participation in FFA activities/competitions, and or SAE participation upon instructor approval is worth extra credit points. <i>Extra credit is not a way to make up for other work you have chosen not to complete.</i>		



Grade	Percent
A	95-100%
A-	93-94%
B	91-92%
B	87-90%
B-	85-86%
C+	83-84%
C	79-82%
C-	77-78%
D+	75-76%
D	72-74%
D-	70-71%
F	69% or Below

**Grade Breakdown is subject to change upon course schedule/pace*

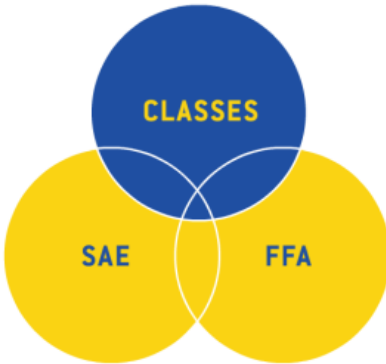
**Late Work: deduct 20% for 1 day late, 50% after 1 day late*

CLASSROOM AGREEMENT

COURSE: Veterinary and Small Animal Science

INSTRUCTOR: Ms. Whitney Barnes

About Us



Agricultural Education uses a three-circle model of instruction. These are classroom and laboratory instruction, leadership development (FFA), and experiential learning (SAE). The successful integration of each of these three components results in a strong program that produces well rounded individuals who are prepared to be leaders in agriculture, business, and industry.

Expectations

Be Nice. Show your classmates, animals, equipment and classrooms the highest degree of respect. Everyone wants to be told and use nice things.

Work Hard. Be ready to begin class every day. Bring needed materials and a high level of focus daily. Let's not waste each other's time. Participate constructively every day. Take part in discussions, volunteer often, get involved, try new things and be open-minded. Turn Things in on time. Be neat. Do assignments well.

Respect the Environment. Follow the house rules. Treat your property and others property with respect.

Evaluation

The grade breakdown portion of this packet describes the graded work that will be completed. The teacher may adapt/change the assignments to fit the course or student needs with the schedule and pace. Our Agricultural Education Department expects and participates in developing productivity, responsibility, communication, critical thinking, organization, cooperation, teamwork, following directions, and meeting deadlines.

Student Signature: _____

Date: _____

Please list any animal related allergies: