

# **MCHS Agriculture Classes**

## **Who are We?**

**Students who strive to learn more about leadership, agriculture, and careers**

## **Why Take an Agriculture Class?**

**Hands on activities that apply to real-life**

**Little homework, most work is done in class**

**Modern facilities with the option to apply for dual-credit**

**All students enrolled in an agriculture class are enrolled in FFA!**

## **What does Madison FFA Do?**

**Strengthens leadership skills, community service, fundraisers, hayrides, camps, games, field trips, concerts, AG day, gives away scholarships, and has food at almost all meetings/events!**

# **Principles of Agriculture (Dual-Credit)**

## **Who should take this class?**

- Any 9<sup>th</sup> -10<sup>th</sup> grader
- Interests in animals, plants, or outdoors

## **What things will I do in class?**

Learn about landscaping, forestry, hunter safety, soils, animals, and FFA!

# **Animal Science (Dual-Credit)**

## **Who should take this class?**

- Anyone 10-12<sup>th</sup> grade
- Interested in Animals

## **What things will I do in class?**

- Clip toenails, brush and care for animals
- Make ice cream & butter
- Design a barn
- Learn how to feed animals

## **What will I learn?**

- Different breeds of livestock
- Practices in the animal industry
- Diseases in livestock

## **Why take this class?**

- Hands on experience with animals
- Dual-Credit through Ivy Tech

# **Food Science (Dual-Credit)**

## **Who should take this class?**

- Anyone 9-12<sup>th</sup> grade
- Interested in Foods or Science
- Dual Credit – Ivy Tech

## **What things will I do in class?**

- Experiments related to foods
- Cooking labs 2-3 days a week

## **What will I learn?**

- Food Safety
- Packaging
- Processing

## **Why take this class?**

- Hands on experience with food
- Great for students interested in cooking and science
- Dual-Credit through Ivy Tech

# **Advanced Life Science- Foods (Dual-Credit)**

## **Who should take this class?**

- Anyone 11-12<sup>th</sup> grade
- Equivalent to Biology II
- Dual-Credit through Ivy Tech

## **What things will I do in class?**

- Apply chemical science to food
- Cooking labs 2-3 days a week

# **Advanced Life Science-Animals (Dual-Credit)**

## **Who should take this class?**

- Anyone 11-12<sup>th</sup> grade
- Equivalent to Biology II
- Dual-Credit through Ivy Tech

## **What will I learn?**

- Animal Body Systems
- Cells, Reproduction, Nutrition

## **What things will I do in class?**

- Apply anatomical science to animals
- Experiments 2-3 days a week

# **Agribusiness (Dual-Credit)**

## **Who should take this class?**

- Anyone 11-12<sup>th</sup> grade
- Dual-Credit through Ivy Tech
- Completes the AG pathway

## **What things will I do in class?**

- Learn how to run a business, real-life adult/emergency skills, financial skills