



NODAWAY-HOLT R-VII SCHOOL DISTRICT



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Quality Education Today For A Successful Tomorrow

October 14, 2025

Dear Parents and Guardians,

Prior to the start of the 2025–2026 school year, the Nodaway-Holt School District proudly introduced the Drone Legends FAA Part 107 Classroom Curriculum, designed to prepare our STEM students to take the FAA Part 107 Remote Pilot Certification Exam. To support this hands-on learning experience, we've invested in new equipment, including four Orqa 65mm Micro Drones, FPV goggles, transmitters, and charging stations, among other tools. We've even purchased replacement propellers; but our long-term goal is to use our district's 3D printers to create replacement parts, merging innovative new projects with previous STEM initiatives.

Beyond the classroom curriculum, Mr. Hamilton has been organizing an outstanding series of guest speakers and real-world learning opportunities. Each month, a professional from a drone-related field visits the class to discuss how drone technology is transforming their industry. So far, students have heard from a local farmer about agricultural drone use in crop spraying and from a representative from Enel on drone applications in wind energy. Later this semester, students will even observe a live windmill inspection to see drones at work in the field.

We're sharing this information to let you know that tomorrow, Wednesday, October 15, 2025, Maryville Police Chief Stolte will visit the Nodaway-Holt School District around 2:45 p.m. to speak with the 8th-hour STEM class. Chief Stolte will demonstrate how the Maryville Police Department uses drones in its operations, including a search and rescue simulation using thermal imaging technology. Please don't be alarmed if you notice drones flying around the Nodaway-Holt campus during this time; there will not be an active emergency or search and rescue taking place.

Looking ahead, the class will also welcome PMT – Predictive Maintenance Technologies, who will demonstrate drone-assisted building inspections, and a private drone contractor who specializes in animal recovery. Through these experiences, our goal is to ensure that Nodaway-Holt students gain both the technical skills and industry knowledge to become FAA-certified drone pilots and valuable contributors to future careers in this rapidly growing field.

Thank you for your continued support of our STEM program, and for your understanding regarding tomorrow's demonstration.

Yours in Education,

Mike Hollingsworth

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