

# LAKE CITY ACADEMY

EST. 1909

Did you know that Lake City Academy has a drone piloting class?

“It feels like you're flying”

-LCA Student

## Class Steps

- Step 1: Coursework on what drones are and how they work
- Step 2: Getting “stick time” on our drone simulators
- Step 3: Build and learn how to repair mini drones
- Step 4: Fly mini drone with FPV (First Person View) goggles
- Step 5: Fly photography drones
- Step 6: Build and learn how to repair 5-inch racing drones
- Step 7: Race drones with the local drone racing club
- Step 8: Prepare students to sit for the FAA Part 107 Aeronautical Knowledge Test to fly drones professionally

This area of technology is quickly growing each year. It will be interesting to see how drones might impact daily life in the future. Why is this exciting and important? Think back to when computers were still inaccessible to most families. Schools were some of the first places to use them and teach others. Now we use computers every day! We view the new possibilities with drones the same way. LCA believes in teaching modern advancements alongside essential core subjects. Curiosity and creativity are priorities on campus!

Students are learning new skills using miniature drones with FPV goggles. Here's an example of one of our 8th graders piloting a miniature drone. You'll notice he is also using the FPV goggles, so he can see what the drone “sees.” We are excited to offer unique opportunities like these at our school for our students. Who knows what life applications this technology might have in the future?

## **The sky's the limit!**

