

Kansas 4-H So Your Kid Signed Up for UAS... Now What?

*A survival guide for parents who didn't expect
drones in their living room.*

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#Kansas4H



Agenda

- What you just signed up for
- Safety and where to fly
- TRUST testing
- Staying under budget
- Fair projects
- Sharing is caring
- My club, my community, my world



<https://nextwavestem.com/all-in-one-store/aio-grades-k-2introduction-to-drones-take-flight>

What you just signed up for

- You showed up — that already puts you ahead of many parents.



Copilot. (2026). *Calm parent picking up coffee cup while drone hovers nearby* [AI-generated image]. Microsoft.

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Safety and where to fly

Before your kid takes off...

- Where will they fly?
- Who will be around?
- How far will they go?
- Not within 5 miles of an airport?



Copilot (2026) drone flight “good zone” vs. “nope zone.” [AI Generated Image]

TRUST Testing



- Free!
- When you fly out doors
- TRUST – The Recreational UAS Safety Test (TRUST)
- <https://trust.modelaircraft.org/>
- Takes ~30 minutes
- “Good news: no DMV line. Bad news: you can’t reprint it if you lose it.”
- Upon completion recreational flyers should print or save a digital copy of their completion certificate and keep it on their person **when they fly.**

Staying under budget

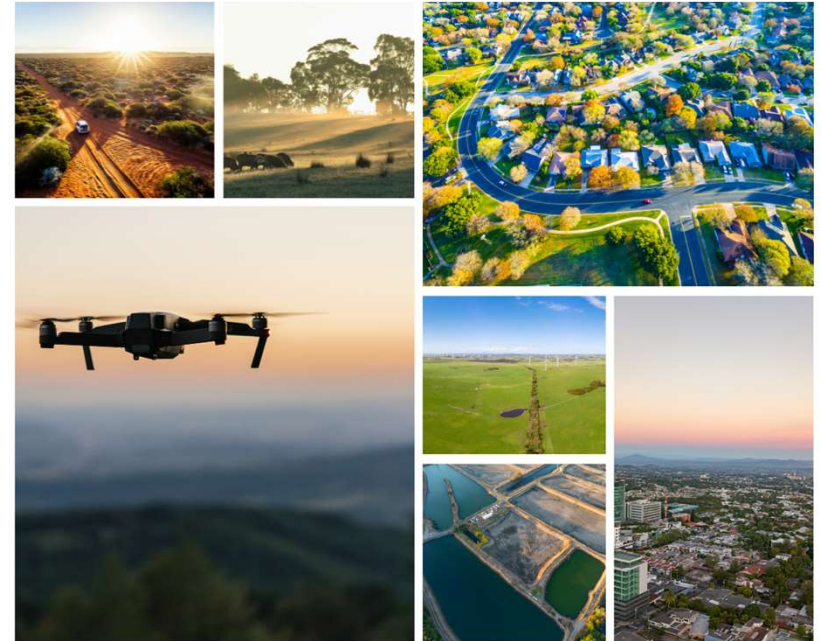
- Does it need a camera?
- Other special equipment?
- For recreation?
- Does it weigh more than 0.55 pounds?

- Learning setups under \$100
- \$60 RELIDOL - PK01
- <https://www.amazon.com/Drone-Camera-Controller-Beginners-Quadcopter/dp/B0FYPWRFWF/>
- “If it costs under \$80, assume it’s designed to crash. That’s part of the learning.”



Fair projects

- Community mapping
- Checking flood gaps
- Search and recovery
- Exploring law enforcement applications
- Soil preparation
- Mapping invasive plants
- Finding good fishing spots*



<https://rwa.com.au/2024/08/08/chatgpt-the-benefits-of-using-drones-for-valuations-a-new-perspective-from-urban-rural-valuations/>

- *You need to be really good at flying or your drone will get wet

Sharing is caring

- Sharing is allowed
- Whether they *will* share is a separate conversation.
- “For practical application entries, the UAS is not required to be displayed as part of the exhibit, only the supporting material.”
- “The same UAS may be used by multiple exhibitors for different practical application entries.”



Copilot (2026) cartoon image of two kids fighting over a drone?
[AI generated image]

My club, my community, my world

How to keep the excitement going:

- Project talks
- Fun fly days
- Outdoor exploration
- Build your own
 - <https://www.pitsco.com/products/drone-maker-kit>
- Your ideas?



Questions



Ask me anything.

**Except how to get a drone out of a tree — that's
between you and gravity.**

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