



Drone Exploring: Career Spotlights

Security/Surveillance/Scouting — Club

Overview: Drones help security teams keep an eye on large properties, events, and neighborhoods faster than walking a patrol route. In this session, youth learn how a security drone scouts an area for safety, practice planning a patrol route that covers every corner of a property and discuss why respecting people's privacy is just as important as watching for problems.

OBJECTIVES

- Introduce youth to the career of using drones for security, surveillance, and scouting.
- Explain how drones help patrol properties and events more completely and quickly than walking alone.
- Practice planning a patrol route through a hands-on activity.
- Build awareness of privacy and responsibility when using cameras to watch an area.

SUPPLIES

- Flip chart or whiteboard and markers
- Cones or chalk to mark the boundary of a "property" to patrol
- A simple hand-drawn or printed map of the patrol area
- Printed handouts: How Security Drones Scout an Area and Plan a Patrol Route
- Optional: a stopwatch to time patrol routes

ADVISOR NOTES

- Emphasize that security drone use must always respect people's privacy. Never film or fly into private homes, yards, or windows.
- Discuss the difference between watching a property you're responsible for and spying on people without a reason.
- If space is limited, use a tabletop map instead of a full walking patrol.
- Consider inviting a guest speaker (a private security professional, event safety coordinator, or local law enforcement community liaison) to share how their team uses drones responsibly. See Optional Extensions.
- If no guest speaker is available, Advisors can run the entire session using this outline and the resource links below.

SESSION OUTLINE

- **Welcome and Icebreaker** (10 min)
 - "Eyes Everywhere:" Ask youth how they'd check that every part of a large property (like a fairground or campground) was safe.
- **Safety Moment (Watching Responsibly, Respecting Privacy)** (10 min)
 - Security drones should only fly over property they're responsible for watching, not into neighbors' yards or windows.
 - Teams must fly carefully around people, especially at crowded events.
 - Ask: "Why do you think it's important for security teams to explain what they're watching and why?"
- **Mini-Lesson: How Security Drones Scout an Area** (15 min)
 - Explain how drones can quickly check entrances, exits, and blind spots at an event or property.
 - Discuss real-world uses: event security, property patrols, and checking large areas for hazards or trespassers.
- **Activity: Plan a Patrol Route** (20 min)
 - Using a simple map of the marked property, small groups use the Plan a Patrol Route handout to design a route that covers every corner and entrance.

- Groups compare routes and discuss which one covers the property most completely.
- **Activity: Walk the Patrol** (15 min)
 - Teams walk their planned patrol route around the marked property, checking off each point on their map as they pass it.
- **Wrap-Up Share-Out** (10 min)
 - Discuss what made a patrol route effective, and what a drone could add that walking alone couldn't.

REFLECTION SECTION

Advisor Note: Some sample questions are below. They are designed to help the participants apply what they have learned to their own interests. You are welcome to use these questions or develop your own.

Focusing Questions

- What was tricky about planning a route that covered every corner?
- What did you notice about blind spots or hard-to-see areas of the property?

Analysis Questions

- Why does a security team need to plan a route instead of just walking randomly?
- How can a drone help spot something a person walking might miss?

Generalization Questions

- Where else in life is it useful to check that you've covered every part of a space or task?
- Why does privacy matter even when someone is trying to keep an area safe?

Challenge: This week, notice one place (a school, store, or park) that uses cameras or security staff, and think about what area they might be responsible for watching.

OPTIONAL EXTENSIONS

Guest Speaker: Invite a private security professional, event safety coordinator, or local law enforcement community liaison to share how their team uses drones responsibly, in person or by video call.

Advisor-Led Option: If a guest speaker isn't available, Advisors can run this session using the outline above and the resource links below. No outside expert is required.

Resource Links: Search "drones for event security explained" on a video platform for kid-friendly explainer videos.

Group Extension: Design a simple map of a real or imaginary event space, marking where you'd want extra eyes on entrances, exits, and crowded areas.

Handout: How Security Drones Scout an Area

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Read through the key ideas below before starting the Patrol Route activity.

Scouting an Event or Property

Drones can quickly check entrances, exits, and crowded areas before or during an event.

Watching for Hazards

Security teams use drones to spot hazards like blocked exits, unsafe crowding, or unauthorized access.

Respecting Privacy

Responsible security drone use stays focused only on the property or event area the team is responsible for.

Why It Matters

A wide, quick view from above helps a small security team cover a large area more completely.

Handout: Plan a Patrol Route

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With your group, plan a patrol route that covers every corner and entrance of the property map. List the order of checkpoints below.

Stop #	Checkpoint	What to Look For
1		
2		
3		
4		