

SMART CITY AIR RESCUE



DAILY SCHEDULE | JULY 27-JULY 31

What does it take to rescue people and animals by air? In Smart City AirRescue, campers explore that question by designing an airport and rescue system using LEGO Spike robots, Ozobots, Merge Cubes, mini drones, and 3D-printed creations. Young aviators will learn about flight, emergency response, and innovative technology while building their own air rescue operations. The week culminates in an exciting Friday showcase where campers present their rescue systems!

MONDAY

- 8:45 a.m.** Check-In, Icebreaker, Meet Your Camp Counselors
- 9:15 a.m.** Story Introduction: Understanding the Airport System
- 9:40 a.m.** Airport Overview and Initial Planning
- 10:25 a.m.** Airport Construction
- 11:25 a.m.** Airport Engineer Meeting
- 11:35 a.m.** Lunch
- 12:30 p.m.** Introduction to Ozo Bots
- 1:15 p.m.** Introduction to Merge Cubes
- 2:00 p.m.** Snack
- 2:15 p.m.** Introduction to Lego Spike and Classic Ferris Wheel Activity
- 3 p.m.** Check-Out

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TUESDAY

- 8:45 a.m. Check-In and Icebreaker
- 9:10 a.m. Reflection of Monday's RCET Experience
- 9:20 a.m. Smart Airport Weather Report: Thunderstorms
- 9:45 a.m. Group 1: Additive Manufacturing Lab Tour & Assemble 3D City Elements
Group 2: VR/XR Lab Activity
- 10:20 a.m. Group 1: VR/XR Lab Activity
Group 2: Additive Manufacturing Lab Tour & Assemble 3D City Elements
- 10:55 a.m. Build Airport Elements; Design Roads
- 11:35 a.m. Lunch
- 12:30 p.m. Ari's Afternoon Adventure with Ozo Bots
- 1:15 p.m. Merge Cubes
- 2:00 p.m. Snack
- 2:15 p.m. Helicopter Lego Spike Activity
- 3 p.m. Check-Out

WEDNESDAY

- 8:45 a.m. Check-In and Icebreaker
- 9:10 a.m. Reflection of Tuesday's RCET Experience
- 9:20 a.m. Smart Airport Setup and Engineering Review
- 9:55 a.m. Airport Engineer Meeting
- 10:15 a.m. Infrastructure Improvement
- 11:15 a.m. Airport Engineer Meeting
- 11:35 a.m. Lunch
- 12:30 p.m. Obstacle Course with Ozo Bots
- 1:15 p.m. Merge Cubes
- 2:00 p.m. Snack
- 2:15 p.m. Windmill Lego Spike Activity
- 3 p.m. Check-Out

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THURSDAY

- 8:45 a.m. Check-In and Icebreaker
- 9:10 a.m. Reflection of Wednesday's RCET Experience
- 9:20 a.m. Smart Airport Setup and Engineering Review
- 9:55 a.m. Airport Engineer Meeting
- 10:10 a.m. Flight Operations Challenge
- 10:20 a.m. Airport Resilience Improvement Challenge
- 11:15 a.m. Airport Engineer Meeting
- 11:35 a.m. Lunch
- 12:30 p.m. Solar System Adventure with Ozo Bots
- 1:15 p.m. Merge Cubes
- 2:00 p.m. Snack
- 2:15 p.m. Taxi Lego Spike Activity
- 3 p.m. Check-Out

FRIDAY

- 8:45 a.m. Check-In and Ice Breaker
- 9:10 a.m. Reflection of Thursday's RCET Experience
- 9:20 a.m. Airport Operations Planning Meeting
- 10:00 a.m. Showcase Construction Challenge
- 11:00 a.m. Final Engineering Build and Testing
- 11:35 a.m. Lunch
- 12:15 p.m. Showcase Set Up and Smart Airport Assembly
- 1:15 p.m. Systems Testing and Presentation Practice
- 2:00 p.m. Parent Arrival
- 2:15 p.m. Air Rescue Showcase and Smart Airport Engineering Celebration
- 3:00 p.m. Check-Out