



LAND OF THE RISING DRONES

2019 Raytheon Quadcopter Challenge

Team Name

Land of the Rising Drones

Team School

St Helena School, Colchester

Region Theme

Japan

Team Members

Taylor Munson - Lead Strategist & Pilot

Damian Rusecki - Drone Reinforcements & Pilot

Tito Ahmed - Drone Reinforcements & Pilot

Seb Jensen - On Board Systems & Presentations

Josh Wallace - On Board Systems & Presentations

Concept

Provide a tool for rescue workers and the Japanese government to use in nuclear disasters to view events and coordinate action plans from a safe location. By using the Arduino open-source electronics prototyping platform accompanied by a multitude of modules and sensors, we can send data such as radioactivity, GPS coordinates, time and date, temperature and much more. Budget and time have limited us, thus what is currently working provides a proof of concept.

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