

Nevada STEM Advisory Council List of Recommended STEM Programs

NAME: REC Foundation Aerial Drone Competition

- **A brief description or overview of the program, such as your mission, philosophy, type of program, learning outcomes, etc. (125 words or less).**

The Aerial Drone Competition is not just fun to play—it is a vehicle for teaching (and testing) teamwork and perseverance, and allows students to approach and solve emerging problems with confidence. During the competition, students are tasked with flying a drone, both autonomously and with a pilot, through a playfield composed of several different game objects. This game is designed to present a challenge, require teamwork, encourage innovation, and allow students to have fun. The skills learned and grown during the Aerial Drone Competition help participants prepare for the challenges of tomorrow and the workforce of the future.

- **The target grades of the program.**

Middle and high school students

- **A single sentence outlining the unique or specific focus of your program.**

The Aerial Drone Competition teaches teamwork and perseverance, and allows students to approach and solve emerging problems with confidence by participating in a competition flying a drone, both autonomously and with a pilot, through a playfield composed of several different game objects.

- **A single sentence describing the program's impact on students.**

The Aerial Drone Competition helps participants prepare for the challenges of tomorrow and the workforce of the future.

- **A list of the specific skills students could expect to learn from your program.**

Teamwork, perseverance, problem solving, confidence, coding, piloting a drone

- **A brief (50 words or less) description of resources that are provided to educators.**

Staff support, event support, grant funding possibilities

- **The link to your website for more information about your program.**

<https://adc-kb.recf.org/hc/en-us>

- **Contact information (name, email, phone)**

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