

Agenda Request Form

Cherokee County School District

Meeting Date
May 17, 2018

Agenda Item Number
A-5

Title
Recognition of Creekland Middle School and Creekview High School Aeronautics -- National Competition Qualifiers
Requested Action
School Board Recognition of Creekland Middle School and Creekview High School Aeronautics -- National Competition Qualifiers
Summary Explanation and Background
<p>Creekview HS rocketry team is continuing its National-qualifying streak, with Creekland MS now joining in as a rare middle school competitor... and Creekview's drone team also is headed to Nationals!</p> <p>Both schools qualified for the Team America Rocketry Contest National Finals on May 12 in The Plains, Va. to compete among the 100 top teams from across the country in STEM challenges for titles, \$100,000 in prizes and scholarships and the chance to head to Internationals in England in July.</p> <p>The Team America Rocketry Contest encourages students to pursue STEM careers by challenging them to design, build and fly a rocket that meets specific altitude and flight duration parameters. This year's STEM challenge required teams to build rockets capable of carrying two eggs to a target altitude of 800 feet and return them -- unbroken -- in a flight window of 41-43 seconds.</p> <p>The Creekview HS drone team finished fourth at the Atlantic Regional of the UAS4STEM Search and Rescue competition and advances to the National Finals in Muncie, Ind. in August. Students are tasked with building and programming a drone capable of flying autonomously, sending live video, and recording GPS coordinates for objects of interest. This year, the drone also had to be capable of supply delivery (dropping water balloons) to coordinates (targets) captured on the video.</p>
Major System Priority
Increasing Accountability
Financial Impact
N/A
Exhibits: (List)
List of Team America Rocketry Challenge Competitors and UAS4STEM Competition Members

Board Action
<i>(For Official School Board Records Only)</i>

Source of Additional Information				
<table style="width: 100%; border: none;"> <tr> <td style="border: none;">Dr. Brian V. Hightower</td> <td style="border: none; text-align: right;">770.479.1871</td> </tr> <tr> <td style="border: none;">Barbara Jacoby</td> <td style="border: none; text-align: right;">770.479.1871</td> </tr> </table>	Dr. Brian V. Hightower	770.479.1871	Barbara Jacoby	770.479.1871
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OFFICE OF THE SUPERINTENDENT OF SCHOOLS

Approved in Open Board Meeting on: _____ (Date)

By: _____ (School Board Chairman)

CREEKVIEW HIGH SCHOOL AERONAUTICS TEAM

Coach: Tim Smyrl, Creekview HS teacher

Team America Rocketry Challenge Competitors:

Brayden Dodge, Captain

Elijah Alcivar

Kennedy Hugo

Ryan Lamazares

Aiden McChesney

Warren Teachworth

Chris Youngblood

UAS4STEM Competition Team Members:

Joey Gallagher, Captain

Will Bourdeau

Matthew Burch

Aiden McChesney

Brandon Solon

Canon Sousa

Warren Teachworth

CREEKLAND MIDDLE SCHOOL AERONAUTICS TEAM

Coach: Phil Dodge, Creekland MS teacher

Team America Rocketry Challenge Competitors:

Ethan Dooley, Captain

Cole Day

Layton Dowless

Mason Duckworth

Carson Heath

Austin St. John

Johnny Schaly