



09August2019

Oklahoma State University  
NASA Marshall Space flight Center  
Huntsville, Al 35812  
Subject: NASA HUNCH Partnership

Dade County Schools:

It is my pleasure to expand partnership opportunities with Dade County High School (DCHS) and student involvement with the NASA HUNCH, (High Schools United with NASA to Create Hardware) program.

With a proposal of Dade County High School adding a high-end carbon fiber printer, capabilities from this school district will take advanced manufacturing capabilities to a premiere level.

While Dade Middle School students are learning about Ultem high temperature printing, students can pursue a path through high school to produce super strength carbon fiber elements for NASA, International Space station and future deep space products. Dade County High School will be the only high school in the NASA HUNCH program to have a high-end 3D Carbon Fiber infused printer to produce functional prototypes, production parts and flight parts that may include Army helicopter products.

High-end ABS printing is available and standard with this Carbon Fiber accessory. Both printing formats are a great addition to support the Mechatronics classes and other engineering curriculums at DCHS.

With new partnership horizons and advanced manufacturing technologies, Dade County High School students will have opportunities that exceed many high school level curriculums and capabilities that are in our program.

Partnership Banners (2x3) will read; NASA/HUNCH LOGO Partnering with Dade County High School to make a difference. NASA Partnership office will produce a Space Act Agreement outlining specific details with DCHS. NASA HUNCH can provide minimal funding to include a clean station water bath and additional consumables and useable's within reason (3d print materials-tips-trays etc..)

Sincerely;

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