

Congratulations!

Saint Mary's Catholic School's Technology Club ***Cubes in Space Team*** has had 3 experiments accepted for space flight!

- **Who:** The Cubes in Space Team consists of 17 students from grades 5, 6 and 7.
 - **What:** Cubes in SpaceTM, a STEAM based education program by idoodledu inc., is a global competition, for students 11-18 years of age to design and propose experiments to launch into space on a NASA sounding rocket .
 - **The Numbers:** 6000 proposals world wide were submitted competing for 80 slots on the rocket, St. Mary's had 3 experiments accepted.
 - **The Experiments:** (fit inside a 4 cm clear plastic cube)
 1. Using high nose cone temperatures and rocket forces to create an abstract piece of art work melting and spreading crayons onto colored paper.
 2. Old school design accelerometer measuring and recording the G-forces generated by a sounding rocket's flight.
 3. Using rocket spin to turn a turbine to generate electricity to light a LED bulb.
 - **The Rocket:** Two stage Terrier Improved-Orion sounding rocket.
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- **Where:** NASA Wallops Flight Facility, Wallops Island, Virginia on the Eastern Shore.
 - **When:** Launch date is Thursday, June 21st with a 5:00 AM to 8:00 AM launch window. (Friday June 22nd is the back-up date.) Student "Cube" presentation/display is Tuesday, June 19th at the NASA Wallops Flight Facility Visitor Center.
 - **View the Launch:** Live in person at the Visitor Center or within a 50-100 mile radius of Wallops Island. On the internet at NASA.gov, NASA TV on USTREAM.
 - **More Information:** cubesinspace.com and cubesinspace.com/rocketfest2018.html