

Sun n Fun 2019 Yucuis Workshop Description, Biography, and Photo

It's Only Rocket Science ... and Math – Appropriate for K-12. We will make a simple paper rocket using a template and launch the rocket using a straw. We will measure the distance vs. time of flight and show a variety of ways to analyze the data, which is easily adapted for all grade levels. Also, learn how to use technology including EXCEL to analyze the data.

Bill graduated from the US Air Force Academy with a BS in Aero Engineering and became a pilot in the Air Force, flying F-4s and F-16s. During his 20-year career, he also got an MS in Aero and Astro Engineering from Purdue University and taught at the Academy's Department of Astro Engineering. After retiring from the Air Force, he entered public education teaching 8th grade math for 6 years before being hired to begin a 4-year high school Aerospace Engineering Magnet Program, which he did for 12 years. Bill retired in June 2014 but continues to volunteer in the education field. Bill is also active in the Air Force Association (AFA) and is the Chief of Academics and Training for StellarXplorers, a national High School Space Competition.

