



WMRSD Leaders and Learners – Your Community Connection White Mountains Regional School District

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At Lancaster Elementary School

There are some exciting new developments at Lancaster School this academic year.

With the support of and training from the White Mountains Science Inc. (WMSI), students have begun designing, creating and building robots using Lego Robotics. While most of us are familiar with and love building with legos, few of us anticipated that we would be learning and teaching robotics to our students. Along with Hunter McLeod who is working with younger children, we have been working with elementary and middle school students to create designs from Lego Education's Spike program.

WMSI played an integral part in our ability to teach and inspire our students to push forward with the multitude of creations that they have built since the inception of the program here last fall. While the program utilizes specific designs and "builds" from carefully created plans; our students are now viewing the designs as the starting point and creating innovative builds that take the process a step beyond.

At Whitefield Elementary School

On Wednesday, March 22 the Whitefield School Unified Arts Team is putting on their annual Arts Night. This night is a collaboration between the disciplines that fall under the umbrella of The Arts: music, visual art, and dance.

The evening will begin with an Art Show upstairs in the library, organized by Art teacher Samuel Marston. A variety of artwork created by students in Kindergarten through 6th Grade will be on display, opening at 5:30 PM. While guests are viewing the art pieces, they can enjoy refreshments that will be sold by donation in the lobby. The proceeds from this sale will go toward transportation costs for the WES Chorus field trip to sing the National Anthem at a Fisher Cats baseball game in May.

The evening's concert will start at 6:00 PM, featuring a dance performance and three songs sung by the WES Chorus. Physical Education teacher Matt McBride has been working on choreography with his P.E. classes which will be debuted as an opening to the concert. The musical selections sung by the Chorus were selected by the students



as part of an Inquiry learning activity, and will feature a selection of student soloists and be directed and accompanied by Music teacher Jennie Dynan.

All are welcome to attend and support the students of The Arts at Whitefield School!

At White Mountains Regional High School

Spartan Solar Creating a more sustainable school district is the ultimate goal of the White Mountains Regional High School's sustainability club, Society of Sustainable Spartans (SOSS). After replacing all the lights in the high school with LED lighting in 2022, producing electricity for the school by solar power is the next step in "going green."

On the journey towards a more sustainable district, White Mountain Regional High School has requested proposals to install and operate a ground mounted solar array to cover 100% of the high school's annual electricity demand. The purpose of this project is to reduce energy costs and offset nonrenewable electrical use and associated emissions. There is a proposed array location, which would be tucked away behind the proposed future track field, where an area of trees have already been felled from a logging demonstration earlier this year.

The White Mountains Regional School District will consider two types of proposals: a turnkey project where the majority of funding would come from grants and district funds or a Power Purchase Agreement (PPA). PPAs involve no upfront cost to the district while the developer installs, owns, and operates the array. The district will then purchase electricity directly from the developer, often at a reduced rate. At the end of the contracted term, the district would have the opportunity to purchase the array and continue benefiting from onsite renewable electricity generation.

This solar project is student led and is a crucial step towards an energy-efficient future for the district and community. Our district and high school are proud to be guiding students through a real world, hands on learning experiences such as this!