

Plew Elementary, 2017-18
Second Grade
Denise Richardson

Thank you for awarding me the NDIA Grant for my second grade students. The LEGO Education WeDo 2.0 curriculum pack is built on Next Generation Science Standards and delivers key math & science content to 2nd graders. Using the LEGO WeDo Lego 2.0 bricks to help my students develop and strengthen their math and science skills. There are many mathematical standards that were addressed while using the LEGO WeDo Lego 2.0 bricks. Students used mathematical concepts such as geometry, addition, subtraction, and basic coding concepts. Students also used motors, sensors and pulleys to build movable LEGO bricks. Students were engaged with these hands-on-activities, which helped them to better understand the role of an engineer. The accompanying desktop and tablet supported software provides an easy-to-use programming environment.

After completing the building and coding of the LEGO bricks my students used the iPad I received from this grant to video tap their presentation about the LEGO they created and coded. Students presented their finished LEGOs to our school administration, their parents and other students in grades kindergarten through third grade at Plew Elementary.

