

Title IV, Part A: Student Support and Academic Achievement

The University of Florida P.K. Yonge Title IV project will support the purchase of materials and supplies for continued implementation and expansion of the FIRST LEGO League and Project Lead the Way Gateway to Engineering Curriculum for all 6th through 8th grade students. Through the middle school exploratory wheel, all 6th through 8th grade students will be exposed to a rigorous, project-based, field-tested engineering/problem-based curriculum which will directly contribute to areas of focus included in Florida State Board of Education's Strategic Plan. Approximately 330 6th through 8th grade students will be directly impacted by the proposed project. All 6th through 8th grade students will benefit from direct exposure to and engagement in the engineering design process, STEM problem solving, and project/problem-based learning that will support the development and use of 21st century skills including communication, collaboration, and creative and critical thinking. The FIRST LEGO League and PLTW Gateway to Engineering Curriculum will be implemented for the duration of the 2019-20 school year to support a well-rounded education for all 6th through 8th grade students enrolled at P.K. Yonge.