COMPUTER SCIENCE FOR INNOVATORS AND APP INVENTORS

Catholic Academy of Stamford

2019-2020 PROJECT UPDATE

Grant Amount=$3,500
Project Cost=$3,500

50 Students Impacted
Grades 5 - 8

PURPOSE: To provide teacher online core training for teachers and cover participation fees to add two new Project Lead The Way (PLTW) courses: Computer Science for Innovators and Makers & App Creators, for the middle school students.

IMPACT: The Project Lead The Way classes are designed and meant for the teacher to be more of a facilitator of learning, and direct instruction is balanced with students working through the activities and problems independently and in collaborative groups. Students' perseverence has improved, along with their critical thinking and problem solving skills which are transferable to all areas of the curriculum. Younger students in the school have begun to look forward to the time when they can take these classes.

FUTURE PLANS: The classes are planned to continue to be offered either in a class setting as part of science classes next year or as an after school activity. For next year, students can do more of the activities at home in preparation for class to allow for more time for the hands-on problems and activities.