

GOOGLE EXPEDITIONS - VIRTUAL FIELD TRIPS

St. Catherine of Siena School, Trumbull



Grant Amount=\$7,000
Project Cost=\$11,685

PROJECT UPDATE



255 Students Impacted
PreK - Grade 8

PURPOSE: To bring virtual reality technology into our classrooms to motivate and engage students more effectively. Google Cardboard is a virtual reality (VR) headset that is used in conjunction with a field trip simulation software known as Expeditions. When the headset is used, students become immersed in a variety of learning experiences with 360-degree views of images or videos.

IMPACT: Google Expeditions AR and VR kit have immensely aided teachers spark students' interest by bringing abstract concepts to life and by channeling the mathematician, artist and scientist in every student. In addition to the Virtual Field Trips where students explore new places and ideas, students explore actual streets with 3D panoramic images, learning about designing VR experiences, vividly illustrating science concepts, exploring brain cells, creating 3D photos, touring a recording. Students of all ages are able to visualize and explore a wide variety of subject areas, spanning from the life cycle of a butterfly, to the solar system, to underwater life, to prehistoric era, to the American monuments and to presidential homes, to name just a few. Using Google Expeditions to take a field trip to a historic site located in another country, students felt that they were in control of their learning. They can determine how they will experience this adventure, that they may otherwise never have the chance to do. This technology has endless uses and reignites teachers' enthusiasm to educate, while simultaneously igniting students' enthusiasm to learn.

FUTURE PLANS: The program will continue as teaching has been changed dramatically by utilizing this incredible technology.



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For more information on this 2018-2019 grant project or to find out how to support Innovation and Leadership projects in the Diocese of Bridgeport Catholic Schools, contact Theresa Sciallo at (203) 416-1509 or tsciallo@foundationsineducation.org.