





Project: First Eyes

ARLINGTON HIGH SCHOOL
Ryan Reyes, Temi Jekayinfa,
Banessa Almendarez, Andrew Silva,
Zoe Sturgeon, Harrison Kay



OUR MISSION: To provide situation awareness of buildings before firefighters enter

OUR SOLUTION: To develop a high temperature drone with infrared and radar sensors



Project: Viewprint

JOHN W. NORTH HIGH SCHOOL
Itaiz Herrejon, Javier Mendez, Michael Carter,
Yvette Sicarios, Marlene Ruiz



OUR MISSION: To improve the safety and effectiveness of first responders before entering a structure

OUR SOLUTION: An app to show first responders maps of the inside of buildings before they arrive



Project: WatchBaby

RAMONA HIGH SCHOOL
Isis Roman, Leslie Hill,
Karyme Lara, Ihtzel Zelaya



OUR MISSION: To reduce the occurrence of child heat stroke, child abduction, and SIDS

OUR SOLUTION: A bracelet for babies and parents to monitor vitals and alert the parent



Project: TangleBgone

RAMONA HIGH SCHOOL
Mariel Almaraz, Melissa Garcia, Monica Banos,
Maria Perez, Anthony Garcia



OUR MISSION: Reduce the time taken to untangle the ECG leads

OUR SOLUTION: A simple device to keep the leads from tangling



Project: Automotive Electronic Awareness System

WOODCREST CHRISTIAN HIGH SCHOOL
Shawn Richcreek, Blake Shah,
Micah Limon, Keegan Disney



OUR MISSION: To enhance the drivers' ability
to hear oncoming emergency vehicles

OUR SOLUTION: AEAS, an onboard multi-
channeled AM/FM transmitter, capable of
interrupting vehicles' radio in order to alert
the driver to pull over



Project: ASL Easy

WOODCREST CHRISTIAN HIGH SCHOOL
Sean Martin, Jeshua Martinez, Luke Kimbirk



OUR MISSION: To provide effective and timely
communications for the hearing impaired

OUR SOLUTION: To develop a live video chat
to translate American Sign Language to text or
speech

