On April 29, 2016 Central high school sent 50 students to Lamar to participate in a workshop hosted by STAIRSTEP. Undergraduates Diego Fernandez, Colin Smith, Timothy Gonzales, Alexander Strong, and Timothy Holcombe who are members of the Computer Science STAIRSTEP team conducted the workshop.

Diego Fernandez led them from eleven to twelve that morning in a programming exercise. The students were given an overview of the basic programming fundamentals through a set of instructional slides presented. During the presentation the students proceeded to create their own game, modeling the onscreen build led by Alexander Strong. Colin Smith, Timothy Gonzales, and Timothy Holcombe helped the students who raised their hand with questions or that were falling behind.

The workshop was part of the ongoing research in Computer Science education that the Computer Science STAIRSTEP team is conducting. The research is led by Dr. Peggy Doerschuk and through conducting the workshops the STAIRSTEP students are able to collect data. The goal of the research is to increase knowledge and interest in Computer Science. This research was presented at multiple conferences including the Office of Undergraduate Research Expo at Lamar University and the SIGITE conference in Chicago. This research data is planned to be collected and concluded summer 2016.