

SDCUE 2015 TECH FAIR

SATURDAY, NOVEMBER 7, 2015 • LA COSTA CANYON HIGH SCHOOL

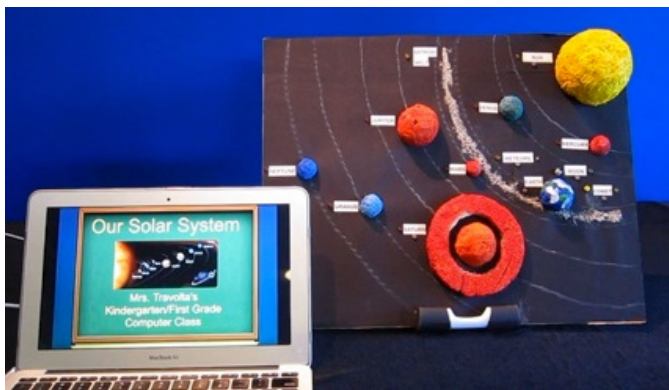
The HyperDuino: Where Making Meets Media

Saturday, October 7 • 9:30 am – 10:15 am

See and learn how to make interactive maker projects where students have added lights, sensors and other digital interactivity, without any prerequisite knowledge of programming or electronics.

Up until now, students have been able to create digital slide-based or video presentations, and also physical models such as volcanoes, California missions and science fair project displays, but the two were not connected.

Now for the first time, your students can link the two as Interactive Maker Projects, and greatly enhance their work with the addition of interactive lights and sensors. For example the project shown in the video on this page:



<http://bit.ly/1FC6TvX>

has an LED light that illuminates when the student is talking about that part of the project in a video, and sensors which when touched by a person looking at the model, then trigger actions such as a spoken explanation of that part of the model.

The HyperDuino is a piggy-back board for the Arduino that for the first time connects student-made digital content (videos, audio, etc.) to their student-made physical projects with two-way links between both.

This is a must-see session for anyone interested in the maker movement, or even just the idea of finally being able to link the digital and physical worlds!