

**Explorit Science Center  
News Release**

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**Explorit program explores new vehicle technologies**

Learn all about fuel cell technology and zero-emission vehicles at a free program called “Way to Go, H2O” on July 5 at Explorit Science Center’s Mace Park Branch, 3141 Fifth St. in Davis.

Craig M. Childers of the California Air Resources Board will bring three vehicles to the event – a tiny electric car, a neighborhood electric car and a fuel cell car. He’ll describe how they work, how they are different and why they are better for the environment than gasoline-powered vehicles. Visitors will have a chance to inspect the cars after his presentation.

The all-ages program will run from 6:30-8 p.m. It is part of of Explorit’s free Summer Science Series, held each Thursday evening through Aug. 23. The informal, drop-in events sometimes feature outside experts like Childers, an air resources engineer, and always feature hands-on science activities.

A fuel cell is an electrochemical device that combines hydrogen and oxygen to produce electricity, with water and heat as its by-product, according to [www.fuelcells.org](http://www.fuelcells.org). Fuel cells run on hydrogen, the simplest element and most plentiful gas in the universe. Hydrogen is not found alone on Earth – it is combined with other elements such as oxygen and carbon. Hydrogen can be extracted from virtually any hydrogen compound, and its chemical energy can be harnessed in pollution-free ways. Visitors to the event will be able to compare the components of a fuel cell car with those of an electric car.

Also at the “Way to Go, H2O” event, visitors will make salt “volcanoes,” sand castles and a design-it yourself water experiment.

For more information: (530) 756-0191 or [www.explorit.org](http://www.explorit.org).

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