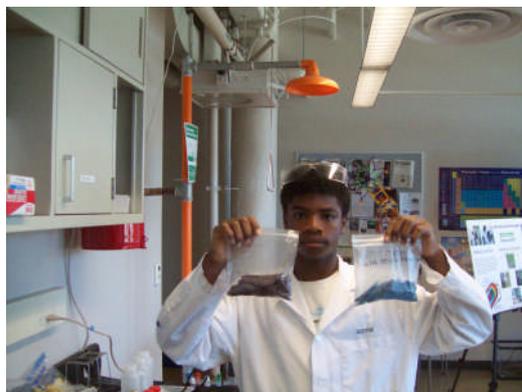


## Ecotek Student Scientists Develop Green Products

With the global ecosystem being so fragile, scientists and engineers are working to develop materials and products that are environmentally friendly. This involves developing products that are made from natural ingredients. The student scientists in Ecotek Lab have been studying environmental conservation for a long time. They have done work from understanding brownfields and global warming in South Africa to visiting wind farms in Michigan's Upper Peninsula. With this great backdrop, a group of students in our lab have taken the next step in their scientific careers: they created something.

One of the products created was a hand sanitizer. It was designed to be an ultra-bacteria neutralizer. It is strong enough to kill bacteria from toxic animals. It was created by sixth graders Amber Young and Annie Moore. Amber is a second year researcher in the Ecotek Science Program, while this is Annie's first year in the program. They both plan on working in the medical field as pediatric neurosurgeons.

Other noteworthy products developed by our student scientists include an all-purpose cleaner and organic crayons. The cleaner was made by the invention team made up of Evette Booker (eighth grader), Alexis Hart (tenth grader), and Jayla Hubbard (eighth grader). All of these young ladies are first year researchers in the Ecotek Science Program. Evette aspires to be a medical surgeon, Jayla has plans of becoming a forensic scientist, while Alexis has her sights set on being an anesthesiologist.



*Keith Young Jr. holding organic crayons*

The organic crayons were made by Keith Young Jr. and Emmanuel Jefferson. They are third year researchers in the Ecotek Science Program and have done research work around the world ranging from environmental conservation to material science. Their work during the 2008/09 school year on biofuel with the Food and Agriculture Organization of the United Nations (FAO) helped them uncover opportunities for using agricultural by-products to make these unique crayons.



*Amber and Annie showing off hand sanitizer*



*Jayla, Evette and Alexis with their all purpose cleaner*



*Emmanuel Jefferson testing biofuel*

### About the Ecotek Science Program

Ecotek is a program within the Motor City Model UN Club, a 501c3 organization. It provides students ages 10 to 17 with the opportunity to work on science projects to help them better understand the role that science plays in policy making within international organizations like the United Nations. To learn more about the program and the students highlighted in this press release, please contact Keith Young at 313-399-7893 or email him at [keiyoung@ecotek-us.com](mailto:keiyoung@ecotek-us.com)