



-Biodiversity

-Culture

-Climate

2014-2015 Program Highlights:

AzDHS School Garden



HOME BLOG CALENDAR ABOUT US ISSUES RESOURCES ADVERTISE SUBSCRI

More Salad, Please!

School lunches get a much-needed makeover with a little help from school gardens and new nutritional guidelines.

BY MERRILL EISENBERG | PHOTOGRAPHY BY MOSES THOMPSON

Pipeline Development:

- Manzo Elementary
- Mansfeld Magnet Middle School
- Tucson High Magnet School



Expanded Impact: *Beyond the Pipeline*

YOUTH

Rise of the Clones

Through a partnership between Mission Garden and TUSD, students are learning how to done heritage fruit trees, connecting past to present.

By LILI DEBARBIERI | PHOTOGRAPHY BY MOSES THOMPSON

INV LARIAYE at Roskruge Bilingual K-83 spacious campus, Moses Thompson is trading the campusy The trees are clones—exact genetic copies—grafted from cuttungs from Mission Garden, and they provide lush shade for the school's vegetable garden and chicken coop.

This is ground zero for a new generation to learn and experience the history of the Sonoran Desert. Students are learning net only how non-native plants arrived in Baja Arizona, but also how no clone and plant fruit trees adapted to our desert climate. Eventually, they'll get to taste the fruits of their labor, trying the heritage breeds that grow from cloned trees.

Thompson works as a school garden and sustainability program coordinator, a joint appointema between the University of Arizona and Tusson Unified School District. After heading the pilot program for the Mission Garden fruit tree cloning project at TUSD's Manzo Elementary, he took the trees an Roskruge.

"Little time machines" is what Thompson calls the trees, as every cultivar is a direct descendant from the oldest living cultivars from the Spanish Colonial period in the 18% eentury. "It's not just about preserving the genetic heritage of the trees, it's really about preserving the heritage of a community," says Thompson. Between Manzo and Roskruge, the students will fone 480 cuttings this year. A handful of the cuttings will be planted on school grounds, while some will go home with students to plant in their own backyards. The rest will be returned to Mission Garden to expand the orchards and vineyards of this cultural heritage park that demonstrates more than 4,000 years of agriculture in the Tusson Básn.

"The value is to tell the story behind the plants," any Jessi Garcia, who works as an education specialist at the Arizona-Sonora Desert Museum and voluncers at Mission Garden. He calls the garden an "outdoor laboratory for children and adults to learn about their cultural heriage."

Garcia says that his role in the TUSD-Mission Garden collaboration has been telling stories, "especially stories that span the bonder, to bring those traditions back, to bring what is happening south of the burder, as a kind of cultural broker," he says: "Across the border these traditions are still very much alive. We are trying to review, reconstruct, what Tusson used to be too years ago ... to pass it on over here." Garcia is also collecting oral history stories about the heritage funks, including recipes and information about how to prepare and store them.

The seed for the fruit project was planted in 2010, when Garcia paid a visit to Manzo Elementary 10 check out Thompson's project cloning native shrubs for habitat restoration. As

From trick is tree and on Maryan Barban does but, with a little TTC, a curring because without of Contract pairs



Moving Forward: 2015-2016



Acknowledgements:

- TUSD Leadership and Governing Board
- TUSD Food Service
- UA College of Social and Behavioral Sciences
- UA College of Science
- UA Graduate College
- Biosphere 2
- Agnese Nelms Haury Program in Environment and Social Justice
- Zuckerman Family Foundation

