



Tower Garden Will Help Your Students **GROW**

Dear Educator,

Tower Garden is an exciting, inclusive and life changing tool for education and we believe you will be impressed once you review this information. Thank You for taking time from your busy schedule to do so. We will be delighted to help you, your students and the children in your community get started on this powerful learning journey. Please contact the person who shared this with you for more details.

We have everything already in place for you with standardized curriculum for Pre-K thru 7th grade [Note: 8th thru 12th grade curriculum is currently being written and reviewed]

This Project Based Learning program (PBL) was developed by the Buck Institute in Cooperation with the Bronx Green Machine and Top 10 Global Teacher of the Year Finalist Stephen Ritz.

This curriculum meets or exceeds the following educational standards:

- NSS (National Science Standards)
- STEM-Fields (Science, Technology, Eng. & Math)
- CCSS (Common Core State Standards)
- NGSS (Next Generation Science Standards)

Two short videos which highlight the potential of utilizing this program

The Apron Project (1 minute):

<http://safeYouTube.net/w/mZ9c>

Stephen Ritz on Tower Garden in the Classroom (40 seconds):

<http://safeYouTube.net/w/u57d>

Please feel free to download the PDFs and review the curriculum via this link:

<http://www.towergarden.com/grow/lesson-plans>

Tower Garden is back by research:

NASA developed Aeroponic Growing and has decades of research on it:

https://www.nasa.gov/vision/earth/technologies/aeroponic_plants.html

5 Researched Backed Benefits of Aeroponic Gardening with Tower Garden

http://www.towergarden.com/blog.read.html/en/2015/4/5_research-backedbe.html

Three Studies to date on the Tower Garden by Juice Plus+

1.) 2013 University of Alabama Study on Tower Garden Implementation and Environmental Impact:

<http://www3.aiche.org/proceedings/content/Annual-2013/extended-abstracts/P339874.pdf>

2.) 2014 University of Mississippi Center for Natural Products Research Study:

“Assessment of Total Phenolic and Flavonoid Content, Antioxidant Properties, and Yield of Aeroponically and Conventionally Grown Leafy Vegetables and Fruit Crops: A Comparative Study.” Published in *Evidence-Based Complementary and Alternative Medicine* 2014

<https://www.hindawi.com/journals/ecam/2014/253875/>

3.) 2014 ATL Urban Farm's Six-Month Yield Value Study on Tower Garden:

<http://www.towergarden.com/content/towergardenblog/en/2015/8/tower-garden-yield-value.html>