

Cylinder Gardening is a fun and easy way to teach children about Horticulture and Science at their level of understanding. The El Paso Master Gardeners Assoc. will provide most of the materials, a demonstration, and technical support to get you started, as well as follow-up.

A MESSAGE FOR PARENTS AND LEADERS

Each level is supported by a youth hand book and a leader/teacher guide. Level One is designed for grades 3 through 5.

The handbook has both group and individual activities. Group activities can be done with a school class, JMG club, after-school program, home school group, or any group of interested young gardeners. Individual activities allow young gardeners to learn on their own. Flexibility is a key component in this program. With so many activities to choose from, leaders or individual gardeners can customize the program to meet their own needs and interests.

The Cylinder Gardening Program introduces young gardeners to the art and science of gardening, and helps them to develop leadership and life skills to become good citizens within their communities, schools and families.

FOR MORE INFORMATION:

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TEXAS A&M
AGRI LIFE
EXTENSION

a school gardening
program.....

Cylinder Gardening



Sammy Cylinder



Cylinder Gardening Basics

What is Cylinder Gardening?

The Texas AgriLife Extension Service is proud to offer the Cylinder Gardening in El Paso County. Participants in the program learn to grow vegetables from seed to harvest in one semester. The program is great for school age children and can be used in classrooms, after-school programs and homeschools or with other groups and clubs.



A curriculum written at the 3rd grade level along with some materials needed for the project are donated by the El Paso Master Gardeners Association.

How is it done?

Cylinder Gardening uses bottomless cylinders (1/2 of a 3 or 5 gallon bucket) as small, individual gardens for growing vegetables. This works especially well in areas with poor soil that normally need extensive amendments and labor to support and actively producing garden.

Why is it better?

Cylinder gardening requires little land and little pre-gardening preparation or experience. Once the cylinders are filled and planted, the only labor is minor maintenance, watering and harvesting. Plants mature from seed in 30 to 90 days. Installation and removal of garden is quick and clean.

Benefits?

Research shows that by growing plants, children will not only learn about science and the environment but they will also gain a sense of pride, responsibility and determination. Children growing vegetables will also learn about where their food comes from and have better nutritional habits... because they enjoying eating what they grow!

Butterfly Gardening Curriculum NEW!

A butterfly gardening curriculum is now available through Cylinder Gardening. Students will plant a small butterfly garden in cylinders or as a traditional garden. Written at the 3rd grade level, the curriculum provides instructions for garden set up and 6 easy to use lessons to use as learning activities with the butterfly garden. A teacher's guide is available for each teacher utilizing the garden.

Materials needed for Cylinder Gardens are listed below. Some items will be provided free to registered groups.

Vegetable Garden

- Pre and Post-tests
 - Teacher's guide for six lessons
 - Teacher references
 - Study materials, games
 - Directions for preparation of cylinders
 - Cylinders *(1 for every 2 students)
 - Variety of vegetable seeds
 - Organic fertilizer*
 - Sources for soil*
- (*You will need to purchase your own)



Butterfly Garden

- Pre-and Post-tests
 - Teacher's guide for six lessons
 - Teacher references
 - Study materials, games
 - Directions for preparation of cylinders
 - Cylinders *(10 per school)
 - Selected seeds
 - Organic fertilizer
 - Sources for soil
- (*You will need to purchase your own)

