

Group #5

# Companion Gardening



*“You’ve Got  
a Friend  
in Me”*

2020 Williamson County Master  
Gardeners Graduation

November 10, 2020



## Group #5



Lizzie Kappelman



Karen Bersen

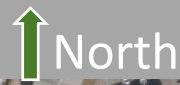


Linda Adcock



Phyllis Townsend





# The Place

Demonstration  
Plots for us to  
choose from

We chose to use the  
right half (4' x 12').





About 4' wide



And 12' long



This right half





NO  
SKATEBOARDING



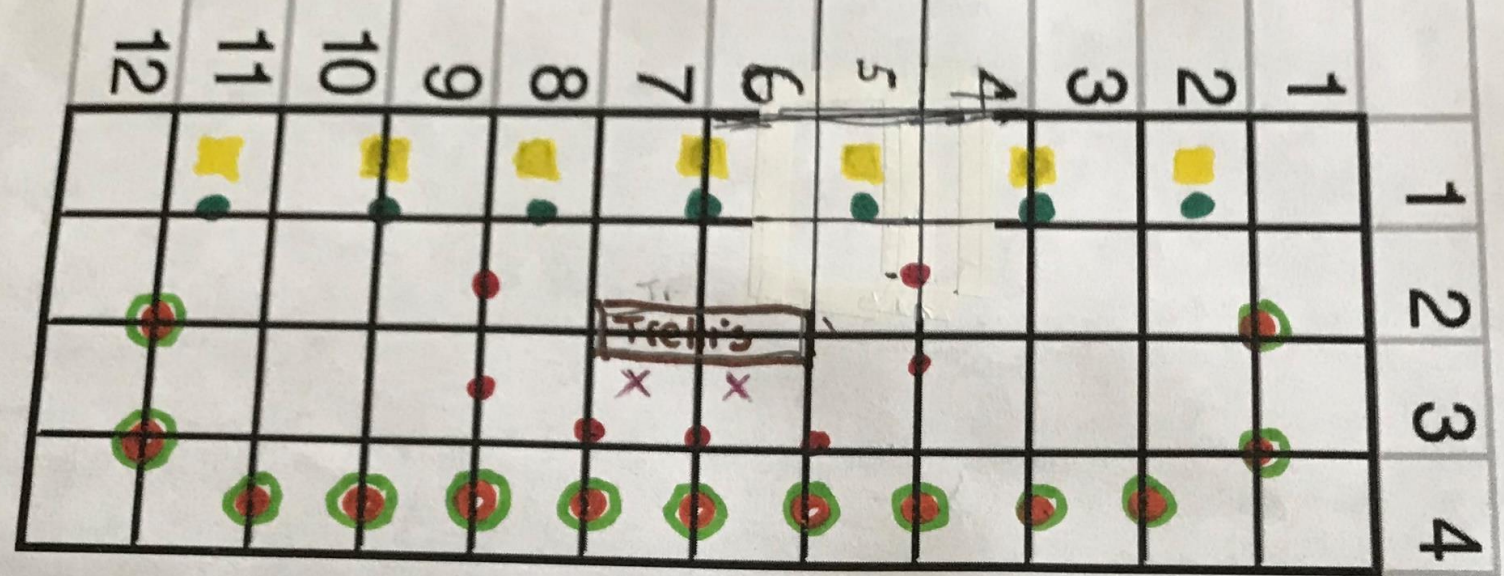
# Companion Gardening<sup>1</sup>


❖ **Time-honored gardening wisdom: certain plants, when grown together, improve each other's health and yields --**


- attract beneficial insects that help to protect a companion
- acting as repellents (particularly herbs)
- support, shade regulation and weed suppression
- plants that require a lot of the same nutrients as their neighbors may struggle to get enough for themselves





# The Plan




Sun Flower 

Pole Beans 

Water melon 

Marigolds 

Nasturium 

There is lots  
of garlic along  
the back fence  
I would propose  
we try to transplant  
to between  
Nasturiums + marigolds?



Sunflower draw pollinators & bug-eating birds, weed control, suppress

Marigolds repel nematodes which attack vegetable roots

Nasturtiums favored by aphids; the insects will flock to them

Pole beans tolerate the dapple shade; their roots occupy different levels in the soil, don't compete for water and nutrients

Watermelon different levels in the soil, don't compete for water and nutrients- good with pole beans and onion family

Onion, Garlic repel aphids, carrot fly and other pests







Nematodes  
binding vegetable  
roots



University of Georgia  
School of Agriculture

















































Baby Watermelon



**Viewer's Discretion is Advised**







✓ Sunflower draw pollinators & bug-eating birds, weed control, support

↓ ?Give off chemical compound that inhibits the growth of beans

✓ Marigolds repel nematodes which attack vegetable roots

➤ Pole beans tolerate the dapple shade; their roots occupy different levels in the soil, don't compete for water and nutrients

✓ Watermelon different levels in the soil, don't compete for water and nutrients- good with pole beans and onion family

✓ Onion, Garlic repel aphids, carrot fly and other pests

↓ ?inhibit bean growth by exuding a substance that kills beneficial bacterial on roots, keep plants from adding N to the soil









**“Strawbedded down”  
for Fall & Winter**