



Anáhuac
Mayab

Team: Altea
Username: Valentin_Altea
School: Universidad Anáhuac Mayab
Social Media: Instagram: AlteaPGC



Valentin's Garden

What would work best for your space and lifestyle? I would like to grow whatever I need for cooking and luckily I have plenty of space to do so, I would use a hydroponic NFT system and raised beds. In the hydroponic system, I would plant the varieties of lettuce, spinach, and chard, but you can add more crops such as mint, basil, sage, lavender and celery.

Are there seeds that you could grow indoors for a few months and then replant outside in the spring? For a few months I think they could be basil, mint, rosemary, sage plants, and then transplant them in the garden. Plants to decorate like mother in law's tongue.

Could your kitchen use an herb garden? Off course, it's my dream cooking with fresh and organic products cultivated by me, for a while I used the basil that grew in my garden to make pesto, chili peppers to make hot sauce and mint to make herbal teas

Valentin Backyard garden

Since 2020 I have been motivated to build a garden in my house in Valladolid, I started with basil, habanero pepper, lemon, rosemary, mint, mint, and tomato but I told myself, I want more vegetables, more biodiversity and read more about agriculture urban and home gardens I discovered hydroponic culture I later ended up very excited to build one but the only experience I had to make it happen was 2 online courses I completed nothing stopped my excitement and I bought everything I think I needed to start, in 2 days I was so tired because the system was not working and I gave up, in my mind, I said when I enter the university I will meet people who have more experience in this subject, and they can help me and advise me to try again. Now that I'm in college I've met the right people and I'm planning to build a hydroponic garden and a traditional garden but with raised beds.

What will you plant?

I like to begin planting tomatoes, cucumber, spinach, variety of lettuce, carrots, ginger, potato and sweet potato, mint, Rosemary, oregano, basil, coriander, wormseed (epazote), lavender, celery



Share the attributes of each plant. Tell us why you are planting each and how they will contribute to healthier soils, climate and people.

Plant name	Distance	Hours of sun	Time to grow	Watering
Celery	25-30cm apart and 2cms depth	+8h	2 months	Full watering
Tomato	25cm depth and 30cm apart each plant	7	1 to 2 mounths	Moderate in stage of growing
Potato and Sweet Potato	25-30cm pf depth and 40cm apart each plant	-4h	2-4 months	water constantly but do not flood
Carrots	30cm of depth	8+h	2-4 months	moderate and constant watering
Cucumber	40cm apart each plant	-6h	2 months	moderate watering without flooding

What agricultural and climate-friendly practices will you take into account? Share at least 3 and their impact.

No chemicals: I will not use synthetic fertilizers or chemical pesticides; I will use ecological alternatives such as biological control and organic fertilizers. Using natural fertilizers and pesticides protects the soil, water, plants and even the air we breathe.

Compost: This will be the way to reuse my organic waste as well as being a very good fertilizer, I reduce my carbon footprint by not producing methane in landfills.

Crop rotation: It is a form of regenerative agriculture that takes advantage of how crops use the minerals of the earth to grow, by rotating them we do not excessively wear down the soil and do not make it infertile after using it for a long time.

Hidroponic: It consumes less amount of water and produces more fruits. It is very useful for urban gardens, you can produce many crops in a small space.

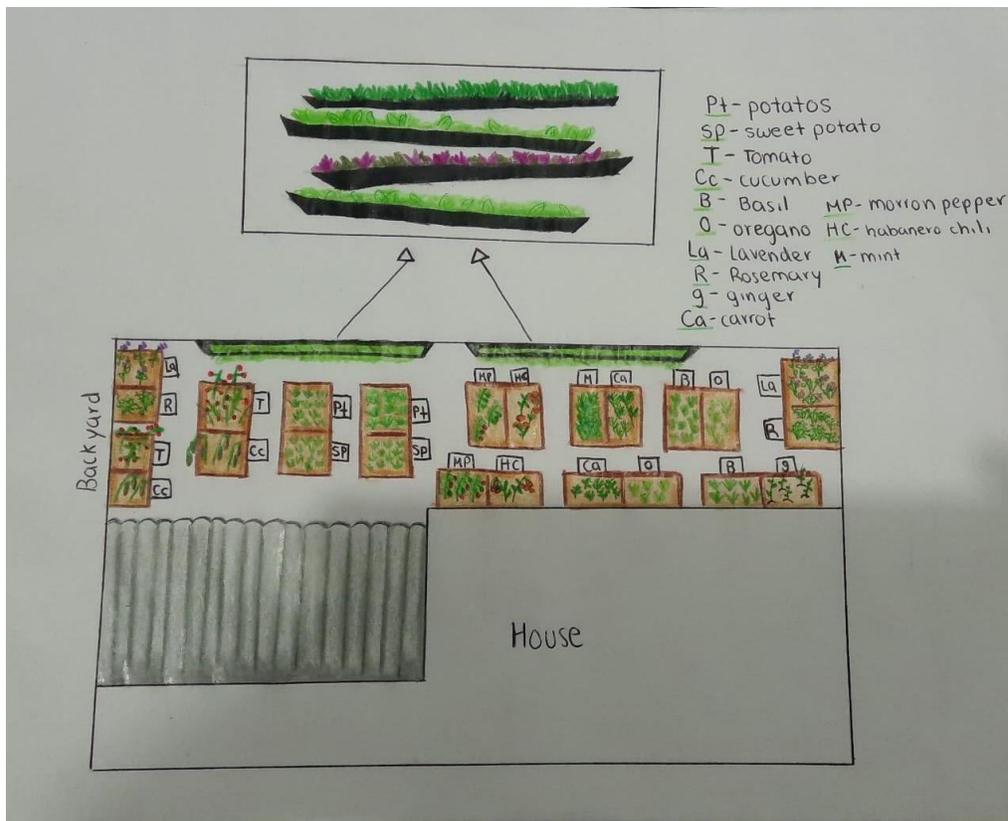


Drip watering: In this way, we do not waste so much water when watering, but as the hose is programmed it will drip in different ways to achieve the type of irrigation that each plant needs.

This is the space that I have to create and design the backyard garden



This is my sketch of mi backyard garden:





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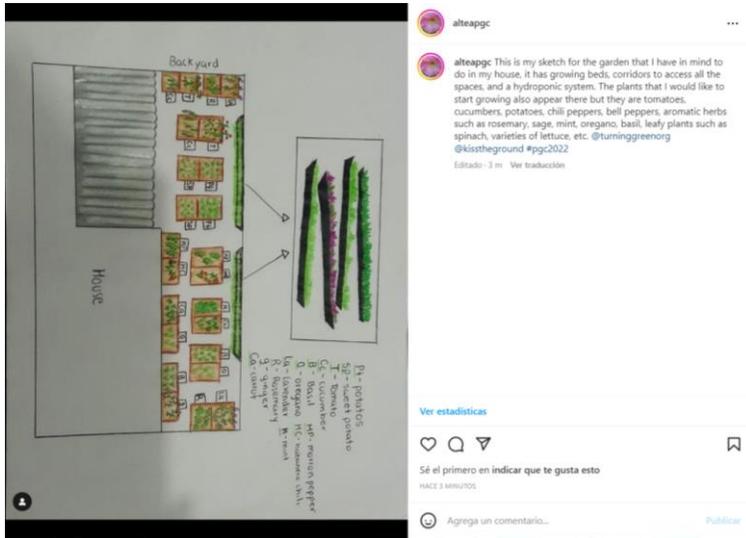


And this are my inspirations images, having a hydroponic System and the raised beds to plant.





Instagram evidence:



Facebook evidence:

