

KPL Green

# Aeroponic Tower Garden



Aeroponic gardening is a method of growing plants without soil. Plants need water, nutrients, air, and light to grow.

Plants in the tower garden have:

- the roots supported by eco-friendly rock wool
- nutrients added directly to the water
- a pump circulating water at regular intervals
- LED lights that turn on at night

## Advantages to aeroponic gardening

- can grow food all year round
- plants grow faster with fewer resources
- plants don't need to grow extensive root systems
- plants are healthier

## Why the tower garden?

The tower garden allows us to grow food inside with less mess!

It is also used to:

- teach about gardening basics
- grow food for healthy eating programs
- teach about seed conservation and use
- add plant life to the computer area



Kitchener  
Public Library