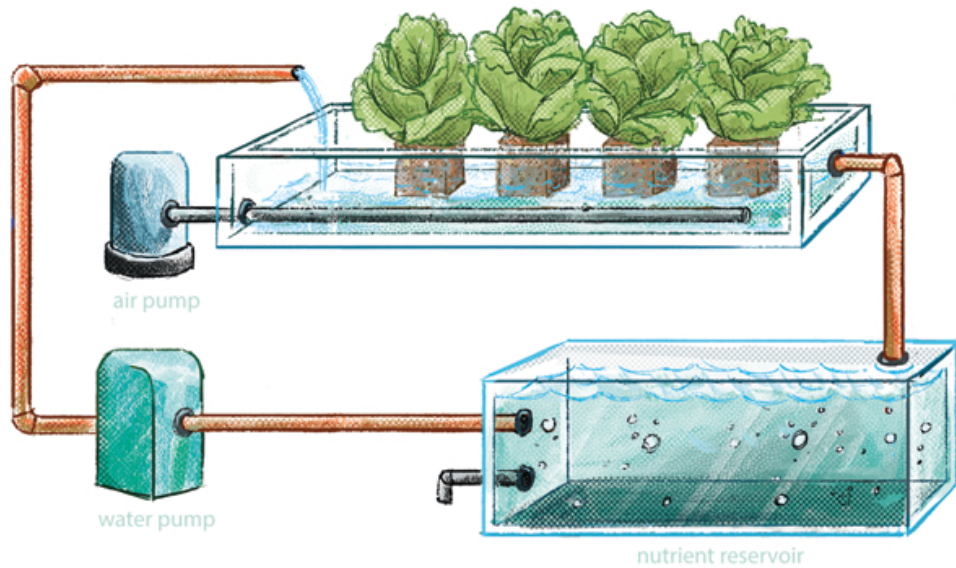
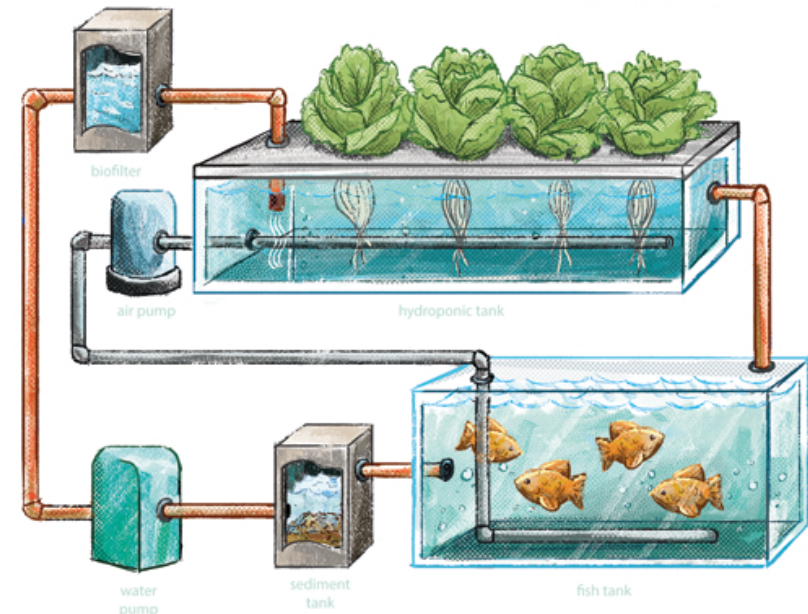


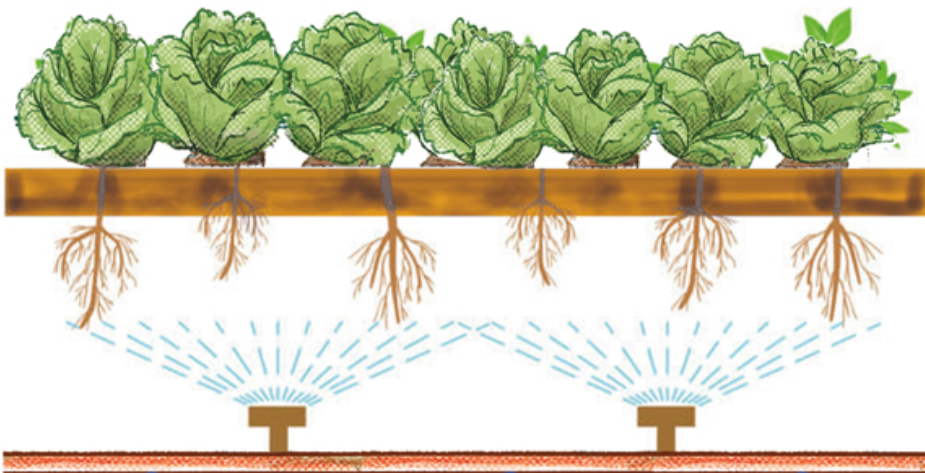
Conclusions



Hydroponic gardening takes place when a liquid nutrient solution is used in growing plants. Simply put, hydroponic gardening involves growing plants without soil. Plants are grown using a nutrient solution instead of using soil.



Aquaponics is derived from the word “aquaculture” meaning cultivation of fish or other water based animals. This gardening system combines both aquatic and agricultural life. It uses water pump system that supplies water for both the plants in the grow beds and the fish in the fish tank.



Aeroponics involves the suspension of plants in a semi-closed or closed environment and then spraying the roots of the plant with a nutrient-rich water solution. While the roots of the plant are beneath the plant support structure, the crown and leaves of the plant protrude above.

A growing global population with deteriorating natural resources and increased urbanization means more people to feed with less water, farmland and rural labour.

Doing more and better with less.
With less money and resource,
user can be sure about organic foods in
home gardening (indoor/outdoor)

Growing groceries himself, encourage user to eat and live healthier.

Land degradation, declining soil fertility,
unsustainable water use, overfishing
and marine environment degradation
are all lessening the ability of the
natural resource base to supply food.

Each year, an estimated 1/3 of all food produced – equivalent to 1.3 billion tons worth around \$1 trillion – ends up rotting in the bins of consumers and retailers, or spoiling due to poor transportation and harvesting practices