

# CULTURE



Arborist



Contractor



Company Owner



Horticultural Tech



Landscape Designer



Lighting & Irrigation



Nursery Worker



Grounds Manager



Small Engine Tech

# About the Profession

The Landscape Horticulture Profession designs, builds and maintains landscapes to promote the joys and numerous health & wellness, environmental and societal benefits in our communities!

## FUN FACTS

### Word Bank

14.5 billion, 18 people, air conditioning

An acre of trees produces enough oxygen for \_\_\_\_\_ to breath every day.  
Turfgrass on 8 healthy front lawns has the cooling effect of 70 tonnes of \_\_\_\_\_, enough to cool 16 homes.  
Canada's ornamental horticulture industry has an economic impact of \_\_\_\_\_ dollars every year.

## Careers

Consider a rewarding career as a landscape horticulture professional! There are numerous career opportunities in this profession where you can develop your skills and passion and work towards enhancing our natural environment!

Learn more about education and career opportunities at [GreenCareersCanada.ca](http://GreenCareersCanada.ca)



Spending time outdoors in a natural or green environment is profoundly important to our health and well-being and can increase focus and academic performance, lower stress and symptoms of depression, increase physical activity, lower blood pressure, and boost your creativity.

# Careers in LANDSCAPE & HORTICULTURE

Protecting and Enhancing lives



Building Strong Communities



Mitigating the Effects of Climate Change



Enhancing Quality of Life, Health & Wellness



PRESENTED BY





# How to Make Soil to support thriving landscapes

## Benefits of Composting



### Improves Plant Health

Compost supplies nutrients such as phosphorus and nitrogen to the soil which helps plants grow.



### Reduces Landfill Waste & Greenhouse Gases

Compost helps divert materials from going to landfills which helps increase the lifespan of a landfill and reduce greenhouse gases.



### Reduces Water Use

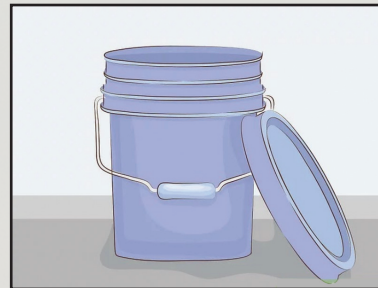
Compost can hold up to 200% of its weight in water thus reducing the amount of water we add to our gardens.



### Improves Soil Quality

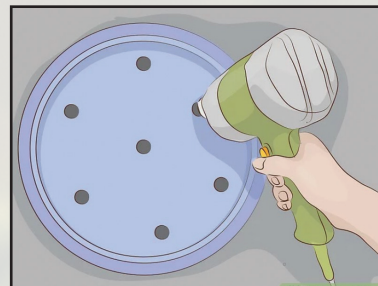
Compost increases the beneficial microbes like bacteria and fungi in the soil as well as improves soil structure.

## How to build a Minature Composter



### STEP 1: COLLECT MATERIALS

- Large bucket with a lid.
- Tray or 2nd lid to catch water.
- Drill, or hammer and nail.



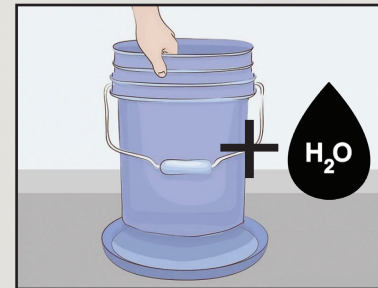
### STEP 2: MAKE HOLES

Using a drill or hammer and nail, make holes in the bottom, sides and lid of the bucket



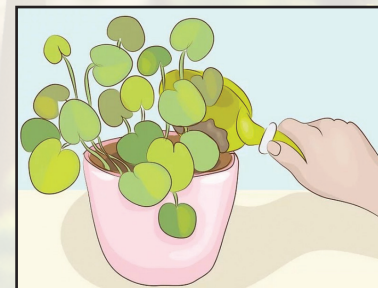
### STEP 3: ADD ORGANIC MATERIAL

Layer 'Green' and 'Brown' materials. Optional: add soil, existing compost and worms to speed up the process. Secure lid to keep in moisture and heat.



### STEP 4: CARE

Place your compost in an area where excess water can safely drain out (in a garden or on your second lid). Check on your composter once a week, add water as needed to keep moist and roll your compost bucket to mix organic matter and add oxygen



### STEP 5: FEED YOUR PLANTS!

Watch as your kitchen waste becomes garden gold! Once content is completely broken down, feed to your plants to provide them with valuable nutrients.

## What to Compost

A successful composter has a mixture/ layering of 'Green' and 'Brown' organic materials  
\*avoid animal products in your composter

'Green' Materials add moisture and most of the nutrients including nitrogen to the compost. Examples:

- Food scraps
- Grass clippings
- Coffee grounds
- Recently pulled weeds

'Brown' Materials add carbon and improve compost structure and aeration Examples:

- Dry Leaves
- Egg cartons
- Sawdust
- Newspaper

### Composting Requires:

- Oxygen - mix and turn frequently
- Heat - place in sun
- Water - add water when dry