

# What is sustainability?

Environmentally speaking, sustainability is "the quality of not being harmful to the environment or depleting natural resources, and thereby supporting long-term ecological balance."

# **Why is it important?**

The environment and its resources are being depleted at alarming rates. If the world continues at this level of consumption the future will look bleak for earth, the environment, and mankind.

# How can I heln?

There are many ways to help without making life-changing commitments. This Sustainability Guide offers many things you can do to get started.

# Resources

#### **More Information**

epa.org

## **Reduce Your Carbon Footprint**

carbonfund.org

#### **Water Efficiency**

wateruseitwisely.com

#### **Home Gardening**

homegardeningforbeginners.com

## **Composting at Home**

epa.gov/recycle/composting-home

# **Water**

## **Avoid Letting Water Run**

Fill plastic tubs or the sink with water for washing & rinsing dishes by hand.

**Take Shorter Showers** 

Reducing your shower time by 2 minutes every day will save over five gallons of water a week

#### **Dishwashers**

Dishwashers, when run at full capacity, are more efficient than handwashing dishes.

#### **Re-purpose Excess Water**

Water plants, or use boiling water to kill weeds.

# <u>Laundry</u>

## **Wash Full Loads**

Using washers & dryers at full capacity makes use of energy & water more efficiently.

"Water heating consumes about 90% of the energy it takes to operate a clothes washer."

#### **Use Cold Water**

Cold water takes less energy to produce & costs less money.

#### **Use A Clothesline**

Let your clothes dry naturally on a clothesline outside or indoors.

# **Flectronics**

#### **Go Flat**

Flat screen monitors consume less energy, take up less space, & produce less heat

#### **Avoid Screen Savers**

They do not conserve energy!

Laptop computers use 10% less energy than their desktop counterparts

## **Use Sleen Mode**

Put your computers in sleep mode after 15 minutes of not being used

# if it's not in use, TURN IT OFF!

#### **Use Advanced Power Strips**

Power strips can save you energy and money. Activity monitor strips will automatically shut off after a set period of inactivity,



## **Unplug It!**

Some electronics and appliances "vampire" energy if left plugged in

# <u>Transnortation</u>

Carpool

Bike

Walk

Take the Bus

## **Drive the Speed Limit**

Every five mph over 60 mph makes your fuel mileage decrease and adds cost to the price of gas per gallon.

# Recycle the Reusable

"transportation accounts for 28% of

U.S. greenhouse gas emissions"

## **Recycle Old Reusable Bags**

Reusable bags cost more energy & sometimes more materials to produce and are often thrown away

#### **Recycle Plastic Bags**

Many stores offer recycling recepticals for your used grocery bags

"in 2011, the category of plastics which includes bags, sacks, and wraps was recycled at about 11 percent"



<u>Food</u> <u>Temnerature</u>

#### **Be Aware of Portions**

Take, buy, or cook only what can be consumed

# **Eat More Vegetables, Less Meat**

Meat consumes a great deal of water, energy, & space to produce

#### **Eat at Home**

Cooking at home reduces use of gas and resources and can save you money.

"Food scraps and yard waste make up 20-30% of the waste stream"

#### **Compost**

Instead of throwing away your food scraps or putting them down the disposal compost them.

#### **Plant a Garden**

Growing food will save trips to the store, saving gas & energy. Compost can be used in place of commercial fertilizer.

Composting removes organic methane and leachate from landfills, extends landfill life, and removes volitile organic chemicals from the air.

#### **Set That Thermo-stat!**

Try to set your thermostat to 68 degrees in the winter and 76 degrees in the summer

"by turning your thermostat back 10° to 15° for 8 hours, back 10° to 15% a you can save 5% to 15% a you can save heating bill"

## **Avoid Space Heaters**

They are not energy efficient!

# **Keep Windows & Doors Closed**

This will preserve the indoor temperature & reduce your electric bill.

# Liahts

#### **Avoid Incandescent Bulbs**

## **Open Those Shades**

Make use of natural light, it's free & energy efficient!

# **Use Task Lighting**

Try using lamps at your seat instead of overhead lighting

compact fluorescent light bulbs our seat

Buv Green Federal Eco-Lahels

#### **Buy Local**

Local goods use less resources to manufacture & distribute

#### **Avoid Paper Tableware**

Paper tableware cannot be recycled if food or water soaked, or coated in plastic and end up filling landfills

#### **Shop at Thrift Stores**

Buying gently used items at thrift or second-hand stores save resources and money

## **Avoid Excess Packaging**

Excess packaging creates excess waste, try to buy in bulk when possible

#### **Buv Certified Eco-Labeled Products**

There are various "green" labels out there, but some may not be what they seem. Make sure that the ecolabel is certified and recognized either federally or by a credible organization.

The Energy Star requires products to uphold high standards of energy efficiency.





This eco-label certifies that a product meets the standard levels of biobased materials.

Water Sense has a partnership with the EPA in an effort to promote water efficient products and public education.





In order to receive this eco-label farms and handling facilities must demonstrate a protection of natural resources, biodiversity conservation, and use of only apporved substances.

Products with this label are ensured to be costeffective and contain more environmentally-friendly ingredients.



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