

Green Planning Academy

Cool Facts



Households account for 40% of US carbon emissions from direct actions--of which 39% is personal car.

In Stanton, the **number of extreme heat days (over 100 ° F) will double** by 2030, & triple by 2050, increasing risk of heat stroke, & costs & energy used to cool spaces.

Cars emit 20x more greenhouse gases per person per mile than light-rail & biking, and 8x more than bus & light rail.



Space heating & cooling accounts for 25% of all household carbon emissions, & is the largest source of energy use in the home.

Solutions

Walk & bike instead of drive for short trips (under 1-5 miles), **turn off the engine when parked** and waiting to reduce unnecessary emissions.

Cool roof ordinances, like the one passed in LA, require white rooftops that reflect 80% sunlight (4x more than conventional roofs) **reducing energy & heat island effect of cities.**

Combine walking, biking, or buses reduces emissions & increases physical activity. **Start walking-to-school programs** to reduce cars, improve safety, & promote active lifestyles.

Weatherstrip windows and doors, **insulate** walls and attics, & **turn the thermostat down 3 ° F** & use fans or wear sweaters.

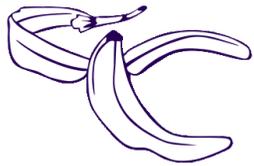
Cool Facts



Chronic health conditions in children doubled from 1 in 8 to 1 in 4 from 1994-2006. Treatment of chronic disease 78% of health expenditures are for.



Food travels an average 1500 miles to your plate using energy and creating spoiled food



Food waste is 22% of all materials put in landfills. Each person makes twice as much trash per day than in 1960--mostly increased food packaging.



Outdoor use is 60% of all water used at home.

Solutions

Every mile walked by kids reduces the likelihood of obesity by 7%. Older adults should do 21 minutes of moderate activity each day--including gardening!

Buy in season and eat dark green vegetables and fresh fruit, avoid food with antibiotics, hormones, artificial flavors and colors.

Tell your city you want to be one of the hundreds **collecting food waste at the curb to make compost or biogas.** Or compost at home. Reduce and reuse saves more energy and materials than recycling.

A 1/4 inch of compost can save 80% of water used on soil. Use drip irrigation and drought tolerant plants to greatly reduce amount of water used.



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