

SUSTAINABILITY 2020

ENVIRONMENTAL LEADERSHIP PROJECT FOR USE @ HOME

Stylish, Money Saving Actions YOU Can Take Today To Bring More Comfort, Style, & Reliability Into Your Life @ Home, Work & School - by the Year 2020

Point	Money-Saving Action Items (Easy, Intermediate, Advanced, Professional)	Cost Est.	START POINT	MY GOAL	END POINT
5	Upgrade to Energy Efficient LED Lighting	<\$3. ea			
5	Install Programmable Thermostat	\$30-\$100			
3	Install Dimmers or Occupancy Sensors	<\$7 ea			
5	Install Exterior Photocells or Motion Sensors	\$5-\$30			
5	Shielded Exterior Light; Direct Light Downward	\$5-\$30			
3	Indoor Air Quality Analysis				
2	Change Heating Cooling, & AC (HVAC) Filters.	\$3-\$10			
3	Install ENERGY STAR Refrigerator	\$1000			
5	Insulate, Tune Up, or Upgrade Your Water Heater	\$50-\$800			
3	Insulate All Hot Water Pipes	<\$30			
3	Tune Up and Seal HVAC Duct Leaks	\$100-\$300			
10	HVAC Replacement to High Efficiency.	\$1.5K-\$7K			
5	Install Whole House Ventilation System for Cooling	\$50-\$230			
3	Caulk Building Envelope Leaks	\$20-\$200			
3	Weatherstrip Doors and Windows	\$5-20/per			
3	Replace Toilets W/ High-Efficiency Toilet (1.3 gpf)	\$50+			
3	Install Water Efficient Showerhead or Shower Towers (2 gmp)	<\$70			
3	Install Water Efficient Bathroom Faucets	<\$20 per			
3	Install Water Efficient Kitchen & Utility Faucets	<\$20 per			
3	Install Water and Energy Efficient Dishwasher	>\$200			
3	Install Water & Energy Efficient Washing Machine	>\$500			
5	Install Ceiling (R-30/ 3pt), Floor (R-19; 3pt) and Blown-in Wall Insulation (R-15; 5pt) or to CODE.	>\$100			
8	Retrofit Wood Burning Fireplace to Gas	\$400-2K			
10	Window Replacement	\$300-\$800			
5	Use Environmentally Preferable Materials Low/No VOC Paint. (50% + Certified Wood; Reclaimed Materials; Rapidly Renewable, Recycled-Content)	\$100			
50	Offset Energy Use w/ Solar PV, Solar Thermal <i>One point for each 2% saved, up to 50 points.</i>	>\$330			
10	Cool Roof: High solar reflectivity and high infrared emissivity.	<\$800			
3	Plant Trees for Sun and Wind Screen - 50% of plants should be drought tolerant.	\$30-\$ 100			
5	High Efficiency Irrigation System	<\$200			
50	Collect and Retain Rainwater for Irrigation - 2 points for each 350 gallons.	<\$500			
10	Install An Indoor Greywater System (Per Unit)				

Keep SCORE here or ONLINE. Count your *existing* points and add NEW ones to reach 50-points (of 250 total points). A score of 50+ points (out of 250) indicates that YOU are an Environmental Leader.

Sustainability 2020 was developed by Alexia Parks, Executive Director of TheEducationExchange.org - a 501 (c) 3 non-profit, in collaboration with a volunteer team of green energy experts including Green architect Marc Whitman, Green Builder Reggie Wood, and Dave Intner. Energy smart action links: Sean O'Donnell; Web design: Paul Salminen.