

June - Air Cooling

Low Tech - Step-By-Step Activity



**Calendar for
Climate
Change**

Quid-Pro-Guo - Inter-generational
Education to Ease Global Warmi



Step-by-Step Guide

Climate Change Topic	Air Conditioning		
High-tech or Low-tech?	Low-Tech		
Duration of Activity (in minutes)	2 hours	Learning Outcome	<ul style="list-style-type: none"> ● Basic knowledge of low-tech techniques to cool one's home or office ● Practice different techniques to reduce energy costs ● Willingness to trial some low-tech solutions to energy conservation linked to cooling
Materials Required for Activity	<ul style="list-style-type: none"> ● Tinting film ● Squeegee ● Measuring tape 		
Step-by-step instructions	<p>There are variety of different methods you can use to naturally cool your home. Below there are two activities you can do to cool your home naturally, cutting back on the high energy bills from using fans or air conditioning, as well as the extreme impact of air conditioning on the environment.</p> <p>Tint your windows</p> <p><i>Check out a great tutorial here:</i> https://www.solarshadewindowtint.com/your-guide-on-how-to-tint-house-windows</p> <ol style="list-style-type: none"> 1. Measure the glass panes of the windows that you want to tint, try to tint the windows that are sun-facing most of the day. 2. Cut the tinting film to size, leaving an inch on each size to account for measuring errors. 3. Peel off the backing for the tint and with another person, line the film with the glass pane and begin to attach it to the window. (Follow any other instructions that may be included with the 		



tinting film).

4. Remove any bubbles using a squeegee.
5. Trim any of the edges that are leftover and now your windows are tinted and will help to filter out the strong light and heat during the warmer months.

Cut-back on unnecessary electronics

This is perhaps the easiest way to cut back on unnecessary heat in the summer.


1. Take some time to consider all the electronics and devices plugged in around your house.
2. Electronics generate a certain amount of heat, especially larger electronics or devices such as televisions or gaming consoles.
3. Go around your house and unplug any unnecessary electronics or devices, especially those that are on stand-by.
4. This may seem too simple but can actually save you a large amount of energy generated (saving bills, especially internet bills which are be greatly increased by gaming consoles in particular) as well as help to cut back on your home's environmental impact.



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