

June - Air Cooling

High 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 Cooling		
High-tech or Low-tech?	High-Tech		
Duration of Activity (in minutes)	30 minutes to research, 1 hour to self-install	Learning Outcome	<ul style="list-style-type: none"> • Basic knowledge of air-cooling apps and smart meters • Willingness to learn more about technology solutions to cooling
Materials Required for Activity	<ul style="list-style-type: none"> • A mobile device with an internet connection • Article: https://www.mansionglobal.com/articles/smart-technology-to-beat-the-heat-01627989466 		
Step-by-step instructions	<p>The purpose of this activity is to investigate the different apps and technologies that are available on the market to help cool your home. Large scale projects such as installing geothermal heat pumps are a great way to cool and heat your home in a more sustainable and environmentally way, however these are very expensive to install and access to grant funding can be difficult. Instead, we will look at smart thermostats which will help to track the temperature in your home, access your energy costs, as well as control your heating away from home.</p> <p>Instructions</p> <ol style="list-style-type: none"> 1. Take into consideration the size and dimensions of your home, as well as the existing technology used to heat/cool your home. 2. Using this information, begin to conduct research on the different alternatives available on the market to purchase to control the temperature in your home. 3. Many of the smart thermostats available on the market require external installation from a technician such as Climore or Hive, however some of the alternatives can be self-installed. 4. Consider the various benefits of the smart thermostats and the connected home benefits available with other devices such as smart lighting in your home. 5. <i>Optional.</i> Purchase the correct device for your home and install it to the control the temperature. Refer to the article linked to explore some of the options available. 		



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