October - Lighting

High Tech - Step-By-Step Activity

Calendar for Climate Change

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

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Step-by-Step Guide

Climate Change Topic	Lighting		
High-tech or Low-tech?	High-Tech		
Duration of Activity (in minutes)	**30 minutes**	**Learning Outcome**	• Basic knowledge of smart lighting in the home • Research smart meters and apps • Test different apps to help to light one's home or office • Willingness to learn more about technology solutions to lighting
Materials Required for Activity	• Mobile device with an internet connection • Smart light bulbs • Smart hub		
Step-by-step instructions	In this activity, you will install some smart lighting in your home. Smart lighting is a form of light bulbs that are more energy efficient and allow users to control their lighting directly from their phones. Take some time to properly research the different types of systems available as well as the different price points for updating both your entire home, or just a select few rooms. **Step 1:** Conduct some research on the different types of smart lighting systems available in Ireland. Compare the different price points for the light bulbs themselves, as well as the smart hub that controls the lights. **Step 2:** Once you have chosen and purchased the right system for your home, it's time to install. Start by plugging the smart hub into your broadband router. **Step 3:** Download the controller app onto your phone and set up the smart app depending on the system you have chosen. **Step 4:** Once the smart hub is set up, install the correct light bulb into the chosen light socket. **Step 5:** Take the time to set up the light bulb on the app and connect it to the controller app. You can set timers, adjust the brightness, and turn them		

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	off from your phone now!

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