





Life-wide Learning Sharing (5E)

<p>CHONG NGO WAI</p>	 A photograph of a white, cylindrical Air Source Heat Pump Water Heater (ASHPWH) unit. The unit is tall and has various pipes and valves at the bottom. It is displayed in a museum or exhibition setting with informational panels in the background. One panel has the text 'Air Source Water' and another has '空氣源熱泵'.	<p>Air Source Heat Pump Water Heater utilizes heat released from a refrigeration cycle for water heating. It is energy efficient and is widely used in hotels, hospitals and swimming pools.</p>
<p>POON WAI TAK</p>	 A photograph of a ceiling with several recessed LED light fixtures. The ceiling is made of square acoustic tiles. The lights are long, narrow strips and some are circular. The lighting is focused downwards, creating a bright spot on the surface below.	<p>The LED light provides concentrated light to the bottom without wasting energy to light up in 360° like the T5 and T8 bulbs. Scientific knowledge is applied to saving energy.</p>

TAM WING YAN		<p>This is a city which has many facilities to reduce the production of pollutant. For example, here are wind turbines and solar panels to generate electricity.</p>
WAN CHI YEUNG		<p>The machine can steam dim-sum in Chinese restaurant. It is more energy efficient than the traditional ones because the heat energy left is used to boil water.</p>

YUEN CHUN KI



This is a T5 Fluorescent Tube. It is thinner than the T8 Fluorescent Tube. It consumes 20% less power than the T8 Fluorescent Tube. It is an energy-efficient lamp and commonly uses in office.