



INVESTIGATING ENERGY RESOURCES

- a) Record the room temperature, in degrees Celsius, before beginning.

Place a thermometer in each of your containers.
Measure the temperature in each container.

- b) Record these temperatures in a data table similar to the one shown.

Time (min.)	Black Temperature (°C)	White Temperature (°C)	Shiny Temperature (°C)
Before test			
After 4 min.			
After 8 min.			
After 12 min.			
After 16 min.			
After 20 min.			
After 24 min.			

2. Think about what may happen if you heat the water using solar energy (or a heat lamp). Now make predictions about the effect that the color of the container is likely to have on:

- how warm the water gets;
- how quickly the water is heated.

- a) Write your predictions down, together with your reasons for them.

