

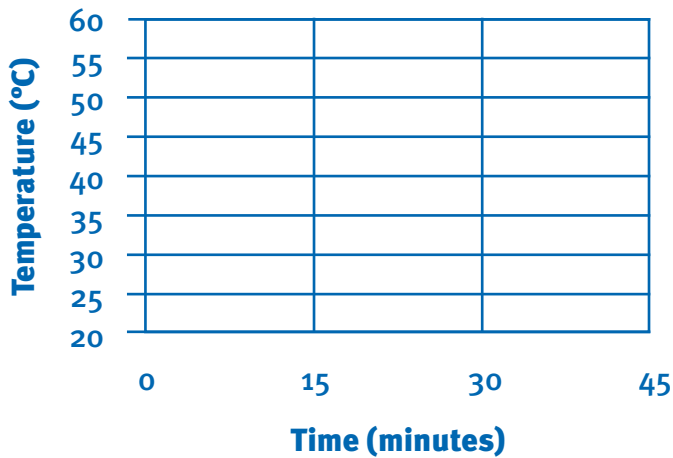
# Solar Energy and Exposure Time

Exposure Time (minutes)	Temperature (°C)
0 (setup)	
15	
30	
45	

1. Measure the temperature of the water during the setup (at 0 minutes) and record it in the table above.
2. I predict that over the next 45 minutes, the temperature of the water will

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3. Measure the water temperature at each 15-minute interval and record it in the table above.
4. Make a line graph to show the change in water temperature over the course of 45 minutes.



5. What is the relationship between exposure time and amount of solar energy absorbed?

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