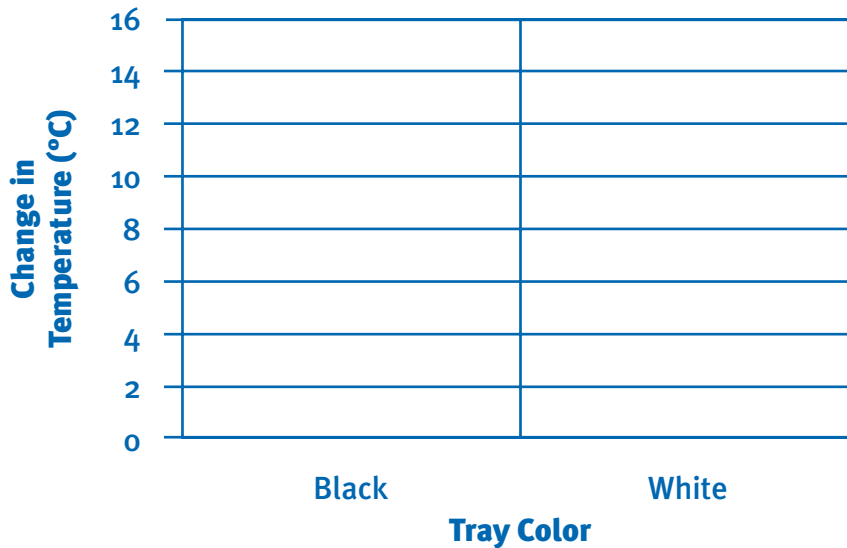


Solar Energy and Tray Color

Starting Time _____		Ending Time _____	
	Starting Temperature (°C)	Final Temperature (°C)	Change in Temperature (°C)
Black Solar Tray			
White Solar Tray			

- Record the starting temperature of the water and the starting time.
- I predict that the water will be warmer in the _____ solar tray.
I predict that the water temperature in that tray will be _____ °C.
I predict that the water will not be as warm in the _____ solar tray.
I predict that the water temperature in that tray will be _____ °C.
I predict this will happen because

- After 40 minutes, record the final temperatures of the water and the ending time. Calculate and record the change in temperature for each tray.
- Make a bar graph to show the change in temperature in each solar tray.



- What can you conclude about the importance of a color of a solar collector?
