

The Science Behind the Experiment

A Guide for Adults

The warmth from the hot water will speed up the chemical reaction of the glow stick. The children should see that the glow stick in the hot water glows more brightly. However, the reaction will be completed more quickly than the glow stick in the cold water. The glow stick in the cold water should glow dimmer but for a longer time.

Science Experiment

Glow Stick Reaction

Can you feel which jar contains hot water and which contains cold water?

Can you place 1 glow stick in the hot water and 1 glow stick in the cold water?

Which glow stick is glowing brighter?

Which glow stick glows for the longest time?