

# Glow in the Dark Jell-O

## WHAT YOU NEED

- Jell-O packets (Light colored works best)
- 16 oz tonic water
- Blacklight bulb (Actual fluorescent not just colored)

## WHAT TO DO

1. Measure out and boil tonic water
2. Mix boiling water with jell-o pack in bowl
3. Add cup of cold tap water
4. Chill in fridge for 4 hours



## SCIENCE BEHIND IT

Tonic water contains quinine, a fluorescent substance, which absorbs and re-emits ultraviolet light when exposed to it. When the light is emitted by the quinine it is at a longer wave length making the quinine visible (glow). Thus, by substituting some of the tap water for tonic water your Jell-O will glow. Note: completely safe to eat.



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Resources: <https://www.kiwico.com/diy/Science-Projects-for-Kids/3/project/Fluorescent-Jell-O!/2597>