

## Ready -

### #1 – Getting Organized:

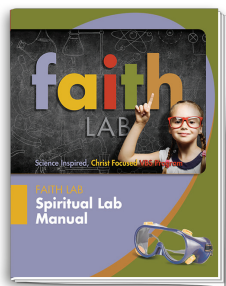
To successfully organize your devotional materials, consider purchasing and gathering all the items needed for the Science Devotional lessons and placing all items into a plastic tub. Allow your small group leaders to check out a tub of the science items, preview the contents, and become familiar with how each Science Devotional lesson works prior to the week of your program.

**#2 – Science Devotional Items to Purchase:** Each Science Devotional requires special items you'll need to order.

	Educational Innovations www.teachersource.com 1-888-912-7474	Steve Spangler Science www.stevespanglerscience.com 1-800-223-9080	EBay ebay.com Search Words Provided
"Good Works Shine"	Item #SS-5 \$3.25/each	NOT AVAILABLE	Cyalume ChemLight Military Grade Chemical Light Sticks, Orange, Ultra High (\$13.50/10 units)

# Good Works Shine - Science Devotion - Influence

## Bringing You Up to Speed:



- Refer to the Spiritual Lab Manual for additional information.
- Watch the Science Devotional Closing Video "Good Works Shine" to see the experiment in action and learn how to set up your devotion room for small groups to move through your rotation.

## You Will Need:

- Two transparent, glass containers to hold the two liquids inside a common glow stick
- Several glow sticks of the same color\*
- Scissors
- Large bowl (to cover glass container)
- Ability to make the room as dark as possible. Consider placing black paper over any windows and under the gap of doors. The darker the room, the more vibrant the demonstration. Any exterior light will negatively affect the outcome.

\* Indicates specialty item to be ordered



## Tips for Success:

- Minimize outside light including windows, cracks under doors and as much light as possible.
- Use caution when cutting open a glow stick. Wear protective gloves.
- Cut through the soft plastic at the top of the glow stick, being careful not to cut into the thin glass tube. Dump the colored contents into clear cup #1.
- Remove the sealed, glass tube and wipe it clean with a paper towel.
- Over the top of clear cup #2, carefully break the glass tube, spilling the contents into the second cup.
- Repeat this process several times with several glow sticks to create a lot of liquids 1 and 2.
- Once the liquids come in contact with air, they will slowly lose their potency. Therefore, separate the contents of the glow sticks very close to when you will preform the actual demonstration.
- When ready, mix the two liquids together. Swirl and stir to ensure a complete reaction.
- If the liquid contents are warm, the reaction will be brighter. Simply create a warm water bath and place the uncut glow sticks in the warm water prior to cutting.

## Tips for Science Devotional Leader:

- **COST SAVER + TIME SAVER** – It is possible for this activity to be performed as a large group activity with several small groups watching. If liquids 1 and 2 are placed into a sealed plastic and clear bottle, the bottle can be passed around for all to safely see, handle and experience.
- For best results, use the HIGH ENERGY Orange glow sticks recommended in this booklet. They are extremely bright and can last a solid 5-8 minutes during the devotion. Other glow sticks can work, but the effect is experienced at its finest with the orange glow stick we recommend.
- Consider providing each child with regular 4" glow sticks to break and experiences. These regular glow sticks are less expensive and everyone loves a glow stick! Turn the lights off and see just how bright the room can get with everyone shining their light.